

**Certification Summary Information Report**

|                                   |                                   |                                     |                        |
|-----------------------------------|-----------------------------------|-------------------------------------|------------------------|
| <b>Manufacturer</b>               | Volkswagen Group of America, Inc. | <b>Manufacturer Code</b>            | VGA                    |
| <b>Test Group</b>                 | VVGAT04.0LTA                      | <b>Evaporative/Refueling Family</b> | VVGAR0176LCS           |
| <b>Certificate Number</b>         | VVGAT04.0LTA-021                  | <b>CARB Executive Order #</b>       | --                     |
| <b>Certificate Issue Date</b>     | 07/09/2026                        | <b>Certificate Revision Date</b>    | --                     |
| <b>Certificate Effective Date</b> | 07/09/2026                        | <b>Conditional Certificate</b>      | No                     |
| <b>CSI Revision #</b>             | --                                | <b>CSI Submission/Revision Date</b> | 06/25/2026 11:25:35 AM |
| <b>Model Year</b>                 | 2027                              |                                     |                        |

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|                   |              |                                     |              |
|-------------------|--------------|-------------------------------------|--------------|
| <b>Test Group</b> | VVGAT04.0LTA | <b>Evaporative/Refueling Family</b> | VVGAR0176LCS |
|-------------------|--------------|-------------------------------------|--------------|

  
**Test Group Information**

|                          |                       |                                        |    |
|--------------------------|-----------------------|----------------------------------------|----|
| <b>CSI Type</b>          | Update for Correction | <b>Running Change Reference Number</b> | -- |
| <b>GHG Exempt Status</b> | Not Exempt            |                                        |    |

  
**Drive Sources and Fuel(s)**

**Drive Source #1:** Electric Motor

|             |                                   |                                     |
|-------------|-----------------------------------|-------------------------------------|
| <b>Fuel</b> | <b>Basic Fuel Metering System</b> | <b>Lean Burn Strategy Indicator</b> |
| Electricity | --                                | --                                  |

  

**Drive Source #2:** Combustion Engine

|             |                                      |                                     |
|-------------|--------------------------------------|-------------------------------------|
| <b>Fuel</b> | <b>Basic Fuel Metering System</b>    | <b>Lean Burn Strategy Indicator</b> |
| Gasoline    | Spark Ignition Direct fuel injection | No                                  |

  

|                                                     |                        |                                                            |              |
|-----------------------------------------------------|------------------------|------------------------------------------------------------|--------------|
| <b>Hybrid Indicator</b>                             | Yes                    |                                                            |              |
| <b>Multiple Fuel Storage</b>                        | --                     | <b>Rechargeable Energy Storage System Indicator</b>        | Yes          |
| <b>Multiple Fuel Combustion</b>                     | --                     | <b>Off-board Charge Capable Indicator</b>                  | Yes          |
| <b>Fuel Cell Indicator</b>                          | No                     | <b>EPA Vehicle Class</b>                                   | LDT4         |
| <b>Federal Clean Fuel Vehicle</b>                   | No                     | <b>Federal Clean Fuel Vehicle Standard</b>                 | --           |
| <b>Federal Clean Fuel Vehicle ILEV</b>              | No                     | <b>California Partial Zero Emissions Vehicle Indicator</b> | --           |
| <b>Durability Group Name</b>                        | VVGAGPGNNLTA           | <b>Durability Group Equivalency Factor</b>                 | 1            |
| <b>Reduced Fee Test Group</b>                       | No                     | <b>Certification Region Code(s)</b>                        | FA, CA       |
| <b>Complies with HD GHG 2b/3 regulations?</b>       | No                     |                                                            |              |
| <b>Introduction into Commerce Date</b>              | 07/20/2026             | <b>CAP2000 Conditional Certificate?</b>                    | No           |
| <b>Independent Commercial Importer?</b>             | No                     | <b>Alternative Fuel Converter Certificate?</b>             | No           |
| <b>SFTP Federal Composite Compliance Identifier</b> | Tier 3                 | <b>SFTP Tier 2 Composite CO Option</b>                     | No           |
| <b>SFTP LEV-III Composite Compliance Indicator</b>  | Yes                    |                                                            |              |
| <b>OBD Compliance Type</b>                          | CARB                   | <b>OBD Demonstration Vehicle Test Group</b>                | TVGAT04.0LAA |
| <b>Test Group OBD Compliance Level</b>              | Full - no deficiencies | <b>Number of Test Group OBD Deficiencies</b>               | 0            |
| <b>OBD Deficiencies Comments</b>                    | --                     |                                                            |              |
| <b>Mfr Test Group Comments</b>                      | --                     |                                                            |              |
| <b>Mfr Exhaust / Evap Standards Comments</b>        | --                     |                                                            |              |

## Certification Summary Information Report

|                                                                             |                                                  |                                                           |                                                                    |                                                          |                        |                     |                       |
|-----------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------|------------------------|---------------------|-----------------------|
| <b>Test Group</b>                                                           | VVGAT04.0LTA                                     | <b>Evaporative/Refueling Family</b>                       | VVGAR0176LCS                                                       |                                                          |                        |                     |                       |
| <b>Evaporative/Refueling Family Information</b>                             |                                                  |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Evaporative Summary Information Type</b>                                 | New                                              | <b>Submission/Correction Date</b>                         | 06/11/2026 12:00:26 PM                                             |                                                          |                        |                     |                       |
| <b>Integrated ORVR?</b>                                                     | No                                               | <b>Fuel(s)</b>                                            | Gasoline                                                           |                                                          |                        |                     |                       |
| <b>Multiple Fuel Storage</b>                                                | --                                               |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Bladder Fuel Tank?</b>                                                   | No                                               |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Fuel Tank Material</b>                                                   | Metal                                            | <b>Fuel Tank Material Description</b>                     | high-density-polyethylene in multi layer plastic with EVOH-barrier |                                                          |                        |                     |                       |
| <b>Fill Pipe Seal Type</b>                                                  | Liquid seal                                      |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Air Intake System Vapor Storage Device?</b>                              | No                                               | <b>Air Intake System Vapor Storage Device Description</b> | --                                                                 |                                                          |                        |                     |                       |
| <b>Fuel System Vapor Storage Canister?</b>                                  | Yes                                              | <b>Other Vapor Storage</b>                                | --                                                                 |                                                          |                        |                     |                       |
| <b>Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)</b> | 176                                              | <b>Number of Primary Canisters</b>                        | 1                                                                  |                                                          |                        |                     |                       |
| <b>Number of Bleed Canisters</b>                                            | 1                                                | <b>Bleed Canister Total Working Capacity (grams)</b>      | 6                                                                  |                                                          |                        |                     |                       |
| <b>Mfr Evaporative/Refueling Family Comments</b>                            | Urus SE                                          |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Leak Family Details</b>                                                  |                                                  |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Leak Family Indicator</b>                                                | Yes                                              |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Canister Bleed Test Indicator</b>                                        | Yes                                              | <b>Applicability of Evaporative Canister Bleed Test</b>   | 50 State                                                           |                                                          |                        |                     |                       |
| <b>Evaporative Canister Bleed Test Comments</b>                             | --                                               |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>CARB Fuel Only (Rig) Test Indicator</b>                                  | No                                               | <b>Applicability of CARB Fuel Only (Rig) Test</b>         | --                                                                 |                                                          |                        |                     |                       |
| <b>CARB Fuel Only (Rig) Test Comments</b>                                   | --                                               |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Leak Family Name</b>                                                     | <b>Applicability of Leak Family Requirements</b> | <b>Leak Family Standard (inches)</b>                      | <b>Leak Family Description</b>                                     |                                                          |                        |                     |                       |
| VVGAR0176LCS-001                                                            | 50 State                                         | 0.02                                                      | --                                                                 |                                                          |                        |                     |                       |
| <b>Models Covered by this Certificate</b>                                   |                                                  |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Carline Manufacturer</b>                                                 | <b>Division</b>                                  | <b>Carline</b>                                            | <b>Certification Region Code(s)</b>                                | <b>Drive System</b>                                      | <b>Trans - Type</b>    | <b>- # of Gears</b> | <b>Trans - Lockup</b> |
| Volkswagen Group of America, Inc.                                           | 4 - Lamborghini                                  | 410 - Urus SE                                             | California + CAA Section 177 states                                | All Wheel Drive                                          | Semi-Automatic         | 8                   | No                    |
| Volkswagen Group of America, Inc.                                           | 4 - Lamborghini                                  | 410 - Urus SE                                             | Federal                                                            | All Wheel Drive                                          | Semi-Automatic         | 8                   | No                    |
| <b>Engine Description</b>                                                   |                                                  |                                                           |                                                                    |                                                          |                        |                     |                       |
| <b>Hybrid Type</b>                                                          | IC Engine/Electric Motor                         |                                                           |                                                                    | <b>Hybrid Description</b>                                | --                     |                     |                       |
| <b>Engine Type</b>                                                          | 4-Stroke Spark Ignition                          |                                                           |                                                                    | <b>Mfr Engine Description</b>                            | --                     |                     |                       |
| <b>Engine Block Arrangement</b>                                             | V-shaped engine                                  |                                                           |                                                                    | <b>Mfr Engine Block Arrangement Description</b>          | --                     |                     |                       |
| <b>Camless Valvetrain Indicator</b>                                         | No                                               |                                                           |                                                                    | <b>Oil Viscosity/Classification</b>                      | 0W40 VW50200 / VW50500 |                     |                       |
| <b>Number of Cylinders/Rotors</b>                                           | 8                                                |                                                           |                                                                    | <b>Mechanically Variable Compression Ratio Indicator</b> | N                      |                     |                       |

## Certification Summary Information Report

|                                                  |                                                                                                                                                                                                                                                                                                |                                                         |                           |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------|
| <b>Test Group</b>                                | VVGAT04.0LTA                                                                                                                                                                                                                                                                                   | <b>Evaporative/Refueling Family</b>                     | VVGAR0176LCS              |
| <b>After Treatment Device(s) (ATD)</b>           |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| <b>ATD Number</b>                                | <b>ATD Type</b>                                                                                                                                                                                                                                                                                | <b>ATD Precious Metal</b>                               | <b>Substrate Material</b> |
| 1                                                | Three-way catalyst                                                                                                                                                                                                                                                                             | Palladium + Rhodium                                     | Ceramic                   |
| 2                                                | Three-way catalyst                                                                                                                                                                                                                                                                             | Palladium + Rhodium                                     | Ceramic                   |
| <b>Substrate Construction</b>                    |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| Monolith                                         |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| <b>Mfr After Treatment Device (ATD) Comments</b> |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| --                                               |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| <b>Direct Ozone Reduction (DOR) Device</b>       |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| Not Equipped                                     |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| <b>Mfr Emission Control Device Comments</b>      |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| --                                               |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| <b>Engine Configuration Number 1</b>             |                                                                                                                                                                                                                                                                                                |                                                         |                           |
| <b>Engine Displacement (liters)</b>              | 4.0                                                                                                                                                                                                                                                                                            | <b>Engine Rated Horsepower</b>                          | 611                       |
| <b>Number of Inlet Valves Per Cylinder</b>       | 2                                                                                                                                                                                                                                                                                              | <b>Number of Exhaust Valves Per Cylinder</b>            | 2                         |
| <b>Air Aspiration Method</b>                     | Turbocharged                                                                                                                                                                                                                                                                                   | <b>Number of Air Aspiration Devices</b>                 | 2                         |
| <b>Air Aspiration Device Configuration</b>       | Parallel                                                                                                                                                                                                                                                                                       | <b>Charge Air Cooler Type</b>                           | Air                       |
| <b>Air Aspiration Drive Method(s)</b>            | Mechanical                                                                                                                                                                                                                                                                                     |                                                         |                           |
| <b>Cylinder Deactivation</b>                     | No                                                                                                                                                                                                                                                                                             |                                                         |                           |
| <b>Cylinder Deactivation Description</b>         | --                                                                                                                                                                                                                                                                                             |                                                         |                           |
| <b>Variable Valve Timing</b>                     | Yes                                                                                                                                                                                                                                                                                            |                                                         |                           |
| <b>Variable Valve Timing System Description</b>  | The variable valve timing is a substantial engine feature for: - Reducing engine out emissions - Optimizing full load performance - Optimizing fuel consumption - Reducing engine roughness - Adjust the inlet and outlet camshaft position continuously between retard and advanced position. |                                                         |                           |
| <b>Variable Valve Lift?</b>                      | No                                                                                                                                                                                                                                                                                             |                                                         |                           |
| <b>Variable Valve Lift System Description</b>    | --                                                                                                                                                                                                                                                                                             |                                                         |                           |
| <b>Number of Knock Sensors</b>                   | 4                                                                                                                                                                                                                                                                                              | <b>Number of Air/Fuel Sensors</b>                       | 4                         |
| <b>Air/Fuel Sensor # 1 Type</b>                  | Heated oxygen                                                                                                                                                                                                                                                                                  | <b>Air/Fuel Sensor # 1 Description</b>                  | --                        |
| <b>Air/Fuel Sensor # 2 Type</b>                  | Heated oxygen                                                                                                                                                                                                                                                                                  | <b>Air/Fuel Sensor # 2 Description</b>                  | --                        |
| <b>Air/Fuel Sensor # 3 Type</b>                  | Heated oxygen                                                                                                                                                                                                                                                                                  | <b>Air/Fuel Sensor # 3 Description</b>                  | --                        |
| <b>Air/Fuel Sensor # 4 Type</b>                  | Heated oxygen                                                                                                                                                                                                                                                                                  | <b>Air/Fuel Sensor # 4 Description</b>                  | --                        |
| <b>Mfr Air/Fuel Sensor Comments</b>              | --                                                                                                                                                                                                                                                                                             |                                                         |                           |
| <b>Exhaust Gas Recirculation</b>                 | No                                                                                                                                                                                                                                                                                             | <b>Cooled Exhaust Gas Recirculation</b>                 | No                        |
| <b>EGR Type</b>                                  | --                                                                                                                                                                                                                                                                                             | <b>Exhaust Gas Recirculation Description if 'Other'</b> | --                        |
| <b>Closed Loop Air Injection System</b>          | No                                                                                                                                                                                                                                                                                             |                                                         |                           |
| <b>Air Injection Type</b>                        | Not Applicable                                                                                                                                                                                                                                                                                 | <b>Air Injection Type if 'Other'</b>                    | --                        |
| <b>Mfr Engine Configuration Comments</b>         | Applies to DWHE var: 0                                                                                                                                                                                                                                                                         |                                                         |                           |

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|                                                          |                                                                           |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
|----------------------------------------------------------|---------------------------------------------------------------------------|--------------|----------------------------------------------------|-------------------------------------|----------------|------------------------------|----------------------------------|---------------------------------|-------------------------------------|------------------------------|
| <b>Test Group</b>                                        |                                                                           | VVGAT04.0LTA |                                                    | <b>Evaporative/Refueling Family</b> |                | VVGAR0176LCS                 |                                  |                                 |                                     |                              |
| <b>Official Test Numbers</b>                             |                                                                           |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Test Group Fuel</b>                                   | <b>FTP</b>                                                                | <b>US06</b>  | <b>SC03</b>                                        | <b>Cold CO</b>                      | <b>Highway</b> | <b>EPA City Litmus Value</b> | <b>EPA City Litmus Threshold</b> | <b>EPA Highway Litmus Value</b> | <b>EPA Highway Litmus Threshold</b> | <b>CREE Weighting Factor</b> |
| Electricity                                              | VVGA10094397                                                              | VVGA10094403 | VVGA10094407                                       | VVGA10094429                        | VVGA10094400   | --                           | --                               | --                              | --                                  | --                           |
| Gasoline                                                 | VVGA10094397                                                              | VVGA10094403 | VVGA10094407                                       | VVGA10094429                        | VVGA10094400   | --                           | 5.8                              | --                              | 9.2                                 | --                           |
| <b>SFTP LEV-III Official Test Numbers</b>                |                                                                           |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Test Group Fuel</b>                                   | <b>FTP</b>                                                                |              | <b>US06</b>                                        |                                     | <b>SC03</b>    |                              |                                  |                                 |                                     |                              |
| Gasoline                                                 | VVGA10094397                                                              |              | VVGA10094403                                       |                                     | VVGA10094407   |                              |                                  |                                 |                                     |                              |
| Electricity                                              | VVGA10094397                                                              |              | VVGA10094403                                       |                                     | VVGA10094407   |                              |                                  |                                 |                                     |                              |
| <b>Official Charge Depleting Test Numbers</b>            |                                                                           |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Test Group Fuel</b>                                   | <b>UDDS</b>                                                               |              | <b>Highway</b>                                     |                                     |                |                              |                                  |                                 |                                     |                              |
| Electricity                                              | VVGA10094515                                                              |              | VVGA10094521                                       |                                     |                |                              |                                  |                                 |                                     |                              |
| Gasoline                                                 | VVGA10094515                                                              |              | VVGA10094521                                       |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Hybrid Electric Vehicle And Fuel Cell Information</b> |                                                                           |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Rechargable Energy Storage System</b>                 | Battery(s)                                                                |              | <b>Rechargable Energy Storage System, if Other</b> |                                     | --             |                              |                                  |                                 |                                     |                              |
| <b>Battery Type</b>                                      | Lithium Ion                                                               |              | <b>Number of Battery Packs</b>                     |                                     | 1              |                              |                                  |                                 |                                     |                              |
| <b>Total Voltage of Battery Packs</b>                    | 370                                                                       |              | <b>Battery Energy Capacity</b>                     |                                     | 70             |                              |                                  |                                 |                                     |                              |
| <b>Battery Specific Energy</b>                           | 164.1                                                                     |              | <b>Battery Charger Type</b>                        |                                     | Off-Board      |                              |                                  |                                 |                                     |                              |
| <b>Number of Capacitors</b>                              | --                                                                        |              | <b>Capacitor Rating (In Farads)</b>                |                                     | --             |                              |                                  |                                 |                                     |                              |
| <b>Mfr Capacitor Comments</b>                            | --                                                                        |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Hydraulic System Description</b>                      | --                                                                        |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Regenerative Braking Type</b>                         | Electrical Regen Brake                                                    |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Regenerative Braking Source</b>                       | Both                                                                      |              | <b>Driver Controlled Regenerative Braking</b>      |                                     | No             |                              |                                  |                                 |                                     |                              |
| <b>Mfr Regenerative Braking Description</b>              | --                                                                        |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Drive Motor(s)/Generator(s)</b>                       | 1                                                                         |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Motor/Generator Type 1</b>                            | AC 3-phase                                                                |              | <b>Rated Motor/Generator Power</b>                 |                                     | 141            |                              |                                  |                                 |                                     |                              |
| <b>Mfr Fuel Cell Description</b>                         | --                                                                        |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |
| <b>Fuel Cell On-Board H2 Storage Capacity (kg)</b>       | --                                                                        |              | <b>Usable H2 Fill Capacity (kg)</b>                |                                     | --             |                              |                                  |                                 |                                     |                              |
| <b>Mfr Hybrid Electric/ Electric Vehicle Comments</b>    | 1 battery, no modules. Number of battery cells = 103 ; 1 e-motors @ 141kW |              |                                                    |                                     |                |                              |                                  |                                 |                                     |                              |

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|                   |              |                                     |              |
|-------------------|--------------|-------------------------------------|--------------|
| <b>Test Group</b> | VVGAT04.0LTA | <b>Evaporative/Refueling Family</b> | VVGAR0176LCS |
|-------------------|--------------|-------------------------------------|--------------|

  
**Emission Data Vehicle Information**

|                                         |                  |                                                  |              |
|-----------------------------------------|------------------|--------------------------------------------------|--------------|
| <b>Vehicle ID / Configuration</b>       | ECFE-9YAH-24 / 3 | <b>Manufacturer Vehicle Configuration Number</b> | 0            |
| <b>Original Test Group Name</b>         | RPRXT03.0CH6     | <b>Original Evaporative/Refueling Family</b>     | RPRXR0176REH |
| <b>Original Test Vehicle Model Year</b> | 2024             |                                                  |              |

  
**Vehicle Model**

|                                      |         |                                       |                  |
|--------------------------------------|---------|---------------------------------------|------------------|
| <b>Represented Test Vehicle Make</b> | Porsche | <b>Represented Test Vehicle Model</b> | Cayenne E-Hybrid |
|--------------------------------------|---------|---------------------------------------|------------------|

  
**Leak Family Details**

|                               |    |                         |    |
|-------------------------------|----|-------------------------|----|
| <b>Leak Family Identifier</b> | -- | <b>Leak Family Name</b> | -- |
|-------------------------------|----|-------------------------|----|

  
**Drive Sources and Fuel System Details**

| Drive Source and Fuel# | Drive Source      | Fuel        |
|------------------------|-------------------|-------------|
| 1                      | Combustion Engine | Gasoline    |
| 2                      | Electric Motor    | Electricity |

  

|                                           |                                                                                                 |                                                       |                 |
|-------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|
| <b>Hybrid Indicator</b>                   | Yes                                                                                             |                                                       |                 |
| <b>Multiple Fuel Storage</b>              | --                                                                                              | <b>Multiple Fuel Combustion</b>                       | --              |
| <b>Fuel Cell Indicator</b>                | No                                                                                              | <b>Rechargeable Energy Storage System Indicator</b>   | Yes             |
| <b>Rechargeable Energy Storage System</b> | Battery(s)                                                                                      | <b>Rechargeable Energy Storage System, if 'Other'</b> | --              |
| <b>Off-board charge Capable Indicator</b> | Yes                                                                                             |                                                       |                 |
| <b>Odometer Correction -- Initial</b>     | 0                                                                                               | <b>Odometer Correction Factor</b>                     | 1               |
| <b>Odometer Correction Sign</b>           | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles |                                                       |                 |
| <b>Odometer Correction Units</b>          | Miles                                                                                           |                                                       |                 |
| <b>Engine Code</b>                        | DCB                                                                                             | <b>Rated Horsepower</b>                               | 348             |
| <b>Displacement (liters)</b>              | 3                                                                                               |                                                       |                 |
| <b>Air Aspiration Method</b>              | Turbocharged                                                                                    | <b>Air Aspiration Method, if 'Other'</b>              |                 |
| <b>Number of Air Aspiration Devices</b>   | 1                                                                                               | <b>Air Aspiration Device Configuration</b>            | Single          |
| <b>Charge Air Cooler Type</b>             | Air                                                                                             | <b>Drive Mode While Testing</b>                       | All Wheel Drive |
| <b>Shift Indicator Light Usage</b>        | Not equipped                                                                                    | <b>Aged Emission Components</b>                       | 4,000 (mi)      |
| <b>Curb Weight (lbs)</b>                  | 5525                                                                                            | <b>Equivalent Test Weight (pounds)</b>                | 6000            |
| <b>GVWR (lbs)</b>                         | 6889                                                                                            | <b>N/V Ratio</b>                                      | 24              |
| <b>Axle Ratio</b>                         | 3.21                                                                                            |                                                       |                 |
| <b>Transmission Type</b>                  | Semi-Automatic                                                                                  | <b># of Transmission Gears</b>                        | 8               |
| <b>Transmission Lockup</b>                | Yes                                                                                             | <b>Creep Gear</b>                                     | No              |

  
**Dynamometer Coefficients:**

| Target Coefficients      |         |             |                | Set Coefficients |             |                | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |
|--------------------------|---------|-------------|----------------|------------------|-------------|----------------|-------------------------------------------------------------------------------|
| Coefficient Category     | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | A (lbf)          | B (lbf/mph) | C (lbf/mph**2) |                                                                               |
| <b>City/Highway/Evap</b> | 49.86   | 0.0383      | 0.03191        | 22.48            | 0.1809      | 0.03197        | 17.5                                                                          |

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| <b>Test Group</b>                                                                                                                                                                                                                                                           | VVGAT04.0LTA                                          | <b>Evaporative/Refueling Family</b>                      | VVGAR0176LCS                                       |                       |                       |                                                          |                                                           |                  |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------|-----------------------|-----------------------|----------------------------------------------------------|-----------------------------------------------------------|------------------|----|
| <b>Emission Control Device Comments</b>                                                                                                                                                                                                                                     | TWC/MAP/DFI/WR-HO2S/HO2S/1TC/2CAC                     |                                                          |                                                    |                       |                       |                                                          |                                                           |                  |    |
| <b>Manufacturer Test Vehicle Comments</b>                                                                                                                                                                                                                                   | Cayenne E-Hybrid (plug-in hybrid), EVAP Configuration |                                                          |                                                    |                       |                       |                                                          |                                                           |                  |    |
| <b>Test #</b>                                                                                                                                                                                                                                                               | <b>RPRX10084707</b>                                   | <b>Test Procedure</b>                                    | <b>23 - 2-day evap</b>                             |                       |                       |                                                          |                                                           |                  |    |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                    | RPRX10084704                                          | <b>Test Fuel Type</b>                                    | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) |                       |                       |                                                          |                                                           |                  |    |
| <b>Test Date</b>                                                                                                                                                                                                                                                            | 01/20/2023                                            | <b>Fuel</b>                                              | Gasoline                                           |                       |                       |                                                          |                                                           |                  |    |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                        | W22                                                   | <b>Fuel Calibration Number</b>                           | 24                                                 |                       |                       |                                                          |                                                           |                  |    |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                        | N/A                                                   | <b>DF Type</b>                                           | EPA Assigned                                       |                       |                       |                                                          |                                                           |                  |    |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                   | Porsche AG, Labs and Engineering                      |                                                          |                                                    |                       |                       |                                                          |                                                           |                  |    |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                              | Calculated (1.08 x FID Total Hydrocarbons)            |                                                          |                                                    |                       |                       |                                                          |                                                           |                  |    |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                          | 5309                                                  | <b>Odometer Units</b>                                    | M                                                  |                       |                       |                                                          |                                                           |                  |    |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                        | Yes                                                   | <b>Diesel Adjustment Factor Usage</b>                    | --                                                 |                       |                       |                                                          |                                                           |                  |    |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                | Yes                                                   |                                                          |                                                    |                       |                       |                                                          |                                                           |                  |    |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                 | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)             | <b>Road Speed Fan Usage</b>                              | Yes                                                |                       |                       |                                                          |                                                           |                  |    |
| <b>Test Results</b>                                                                                                                                                                                                                                                         |                                                       |                                                          |                                                    |                       |                       |                                                          |                                                           |                  |    |
| <table border="1"> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.1223</td> <td>--</td> </tr> </table> |                                                       |                                                          |                                                    | Test Result Name      | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) | HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0.1223           | -- |
| Test Result Name                                                                                                                                                                                                                                                            | Unrounded Test Result                                 | Verify Calculated FE Equivalent Value (miles per gallon) |                                                    |                       |                       |                                                          |                                                           |                  |    |
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)                                                                                                                                                                                                                   | 0.1223                                                | --                                                       |                                                    |                       |                       |                                                          |                                                           |                  |    |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                           |                                                       |                                                          |                                                    |                       |                       |                                                          |                                                           |                  |    |
| 2-day evap, E10 fuel; Porsche test number 23059064                                                                                                                                                                                                                          |                                                       |                                                          |                                                    |                       |                       |                                                          |                                                           |                  |    |
| <b>Certification Region</b>                                                                                                                                                                                                                                                 | <b>Useful Life</b>                                    | <b>Standard Level</b>                                    | <b>Emission Name</b>                               | <b>Rounded Result</b> | <b>Add DF</b>         | <b>Certification Level</b>                               | <b>Standard</b>                                           | <b>Pass/Fail</b> |    |
| Fed                                                                                                                                                                                                                                                                         | 150,000 miles                                         | Federal Tier 3 Evap                                      | HC-TOTAL-EQUIV                                     | 0.1223                | 0.003                 | 0.125                                                    | 0.5                                                       | Pass             |    |
| CA                                                                                                                                                                                                                                                                          | 150,000 miles                                         | California LEV-III Zero Evap (Option 2)                  | HC-TOTAL-EQUIV                                     | 0.1223                | 0.003                 | 0.125                                                    | 0.5                                                       | Pass             |    |

## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                               | Evaporative/Refueling Family          | VVGAR0176LCS                                       |
|------------------------------------------------|--------------------------------------------|---------------------------------------|----------------------------------------------------|
| <b>Test #</b>                                  | <b>RPRX10084709</b>                        | <b>Test Procedure</b>                 | <b>34 - Federal fuel 3-day evap</b>                |
| <b>Exhaust Test # for this Evap Test</b>       | RPRX10084705                               | <b>Test Fuel Type</b>                 | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                               | 10/27/2023                                 | <b>Fuel</b>                           | Gasoline                                           |
| <b>Fuel Batch ID</b>                           | W22                                        | <b>Fuel Calibration Number</b>        | 24                                                 |
| <b>Vehicle Class</b>                           | N/A                                        | <b>DF Type</b>                        | EPA Assigned                                       |
| <b>Verify Test Lab ID</b>                      | Porsche AG, Labs and Engineering           |                                       |                                                    |
| <b>E10 Evaporative Test Measurement Method</b> | Calculated (1.08 x FID Total Hydrocarbons) |                                       |                                                    |
| <b>Test Start Odometer Reading</b>             | 4619                                       | <b>Odometer Units</b>                 | M                                                  |
| <b>4WD Test Dyno</b>                           | Yes                                        | <b>Diesel Adjustment Factor Usage</b> | --                                                 |
| <b>State of Charge Delta</b>                   | Yes                                        |                                       |                                                    |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | Yes                                                |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|-----------------------------------------------------------|-----------------------|----------------------------------------------------------|
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0.2156                | --                                                       |

## Manufacturer Test Comments

3-day evap, E10 fuel; Porsche test number 23047273

| Certification Region | Useful Life   | Standard Level                          | Emission Name  | Rounded Result | Add DF | Certification Level | Standard | Pass/Fail |
|----------------------|---------------|-----------------------------------------|----------------|----------------|--------|---------------------|----------|-----------|
| Fed                  | 150,000 miles | Federal Tier 3 Evap                     | HC-TOTAL-EQUIV | 0.2156         | 0.0067 | 0.222               | 0.5      | Pass      |
| CA                   | 150,000 miles | California LEV-III Zero Evap (Option 2) | HC-TOTAL-EQUIV | 0.2156         | 0.0067 | 0.222               | 0.5      | Pass      |



## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                            | VVGAT04.0LTA                               | <b>Evaporative/Refueling Family</b>                      | VVGAR0176LCS                                       |                       |                       |                                                          |                                            |                  |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------|----------------------------------------------------|-----------------------|-----------------------|----------------------------------------------------------|--------------------------------------------|------------------|----|
| <b>Test #</b>                                                                                                                                                                                                                                                | <b>RPRX10084708</b>                        | <b>Test Procedure</b>                                    | <b>24 - Federal fuel refueling test (ORVR)</b>     |                       |                       |                                                          |                                            |                  |    |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                     | RPRX10084704                               | <b>Test Fuel Type</b>                                    | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) |                       |                       |                                                          |                                            |                  |    |
| <b>Test Date</b>                                                                                                                                                                                                                                             | 11/03/2023                                 | <b>Fuel</b>                                              | Gasoline                                           |                       |                       |                                                          |                                            |                  |    |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                         | W22                                        | <b>Fuel Calibration Number</b>                           | 24                                                 |                       |                       |                                                          |                                            |                  |    |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                         | N/A                                        | <b>DF Type</b>                                           | EPA Assigned                                       |                       |                       |                                                          |                                            |                  |    |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                    | Porsche AG, Labs and Engineering           |                                                          |                                                    |                       |                       |                                                          |                                            |                  |    |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                               | Calculated (1.08 x FID Total Hydrocarbons) |                                                          |                                                    |                       |                       |                                                          |                                            |                  |    |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                           | 4627                                       | <b>Odometer Units</b>                                    | M                                                  |                       |                       |                                                          |                                            |                  |    |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                         | Yes                                        | <b>Diesel Adjustment Factor Usage</b>                    | --                                                 |                       |                       |                                                          |                                            |                  |    |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                 | Yes                                        |                                                          |                                                    |                       |                       |                                                          |                                            |                  |    |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                  | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>                              | Yes                                                |                       |                       |                                                          |                                            |                  |    |
| <b>Test Results</b>                                                                                                                                                                                                                                          |                                            |                                                          |                                                    |                       |                       |                                                          |                                            |                  |    |
| <table border="1"> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> <tr> <td>HC (Hydrocarbon for Running Loss and ORVR)</td> <td>0.0048</td> <td>--</td> </tr> </table> |                                            |                                                          |                                                    | Test Result Name      | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) | HC (Hydrocarbon for Running Loss and ORVR) | 0.0048           | -- |
| Test Result Name                                                                                                                                                                                                                                             | Unrounded Test Result                      | Verify Calculated FE Equivalent Value (miles per gallon) |                                                    |                       |                       |                                                          |                                            |                  |    |
| HC (Hydrocarbon for Running Loss and ORVR)                                                                                                                                                                                                                   | 0.0048                                     | --                                                       |                                                    |                       |                       |                                                          |                                            |                  |    |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                            |                                            |                                                          |                                                    |                       |                       |                                                          |                                            |                  |    |
| ORVR for evap; E10 fuel; Porsche test number 23047275                                                                                                                                                                                                        |                                            |                                                          |                                                    |                       |                       |                                                          |                                            |                  |    |
| <b>Certification Region</b>                                                                                                                                                                                                                                  | <b>Useful Life</b>                         | <b>Standard Level</b>                                    | <b>Emission Name</b>                               | <b>Rounded Result</b> | <b>Add DF</b>         | <b>Certification Level</b>                               | <b>Standard</b>                            | <b>Pass/Fail</b> |    |
| Fed                                                                                                                                                                                                                                                          | 150,000 miles                              | Federal Tier 3 Evap                                      | HC                                                 | 0.005                 | 0.005                 | 0.01                                                     | 0.2                                        | Pass             |    |
| CA                                                                                                                                                                                                                                                           | 150,000 miles                              | California LEV-III Zero Evap (Option 2)                  | HC                                                 | 0.005                 | 0.005                 | 0.01                                                     | 0.2                                        | Pass             |    |

## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                               | Evaporative/Refueling Family          | VVGAR0176LCS                                       |
|------------------------------------------------|--------------------------------------------|---------------------------------------|----------------------------------------------------|
| <b>Test #</b>                                  | <b>RPRX10084754</b>                        | <b>Test Procedure</b>                 | <b>32 - Federal Fuel Running Loss</b>              |
| <b>Exhaust Test # for this Evap Test</b>       | RPRX10084705                               | <b>Test Fuel Type</b>                 | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                               | 10/27/2023                                 | <b>Fuel</b>                           | Gasoline                                           |
| <b>Fuel Batch ID</b>                           | W22                                        | <b>Fuel Calibration Number</b>        | 24                                                 |
| <b>Vehicle Class</b>                           | N/A                                        | <b>DF Type</b>                        | EPA Assigned                                       |
| <b>Verify Test Lab ID</b>                      | Porsche AG, Labs and Engineering           |                                       |                                                    |
| <b>E10 Evaporative Test Measurement Method</b> | Calculated (1.08 x FID Total Hydrocarbons) |                                       |                                                    |
| <b>Test Start Odometer Reading</b>             | 4601                                       | <b>Odometer Units</b>                 | M                                                  |
| <b>4WD Test Dyno</b>                           | Yes                                        | <b>Diesel Adjustment Factor Usage</b> | --                                                 |
| <b>State of Charge Delta</b>                   | Yes                                        |                                       |                                                    |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | --                                                 |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|-----------------------------------------------------------|-----------------------|----------------------------------------------------------|
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0                     | --                                                       |

## Manufacturer Test Comments

Running Loss test, E10 fuel; Porsche test number 23047270

| Certification Region | Useful Life   | Standard Level                          | Emission Name  | Rounded Result | Add DF | Certification Level | Standard | Pass/Fail |
|----------------------|---------------|-----------------------------------------|----------------|----------------|--------|---------------------|----------|-----------|
| Fed                  | 150,000 miles | Federal Tier 3 Evap                     | HC-TOTAL-EQUIV | 0              | 0      | 0                   | 0.05     | Pass      |
| CA                   | 150,000 miles | California LEV-III Zero Evap (Option 2) | HC-TOTAL-EQUIV | 0              | 0      | 0                   | 0.05     | Pass      |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                         | VVGAT04.0LTA                                                                                    | <b>Evaporative/Refueling Family</b>                   | VVGAR0176LCS     |                        |              |      |   |                |             |   |                   |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|------------------------|--------------|------|---|----------------|-------------|---|-------------------|----------|
| <b>Emission Data Vehicle Information</b>                                                                                                                                                                                                                                  |                                                                                                 |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Vehicle ID / Configuration</b>                                                                                                                                                                                                                                         | LB636_43237 / 0                                                                                 | <b>Manufacturer Vehicle Configuration Number</b>      | 0                |                        |              |      |   |                |             |   |                   |          |
| <b>Original Test Group Name</b>                                                                                                                                                                                                                                           | VVGAT04.0LAA                                                                                    | <b>Original Evaporative/Refueling Family</b>          | VVGAR0176LCS     |                        |              |      |   |                |             |   |                   |          |
| <b>Original Test Vehicle Model Year</b>                                                                                                                                                                                                                                   | 2027                                                                                            |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Vehicle Model</b>                                                                                                                                                                                                                                                      |                                                                                                 |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Represented Test Vehicle Make</b>                                                                                                                                                                                                                                      | Lamborghini                                                                                     | <b>Represented Test Vehicle Model</b>                 | URUS SE          |                        |              |      |   |                |             |   |                   |          |
| <b>Leak Family Details</b>                                                                                                                                                                                                                                                |                                                                                                 |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Leak Family Identifier</b>                                                                                                                                                                                                                                             | 001                                                                                             | <b>Leak Family Name</b>                               | VVGAR0176LCS-001 |                        |              |      |   |                |             |   |                   |          |
| <b>Drive Sources and Fuel System Details</b>                                                                                                                                                                                                                              |                                                                                                 |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> </thead> <tbody> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> <tr> <td>2</td><td>Combustion Engine</td><td>Gasoline</td></tr> </tbody> </table> |                                                                                                 |                                                       |                  | Drive Source and Fuel# | Drive Source | Fuel | 1 | Electric Motor | Electricity | 2 | Combustion Engine | Gasoline |
| Drive Source and Fuel#                                                                                                                                                                                                                                                    | Drive Source                                                                                    | Fuel                                                  |                  |                        |              |      |   |                |             |   |                   |          |
| 1                                                                                                                                                                                                                                                                         | Electric Motor                                                                                  | Electricity                                           |                  |                        |              |      |   |                |             |   |                   |          |
| 2                                                                                                                                                                                                                                                                         | Combustion Engine                                                                               | Gasoline                                              |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Hybrid Indicator</b>                                                                                                                                                                                                                                                   | Yes                                                                                             |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Multiple Fuel Storage</b>                                                                                                                                                                                                                                              | --                                                                                              | <b>Multiple Fuel Combustion</b>                       | --               |                        |              |      |   |                |             |   |                   |          |
| <b>Fuel Cell Indicator</b>                                                                                                                                                                                                                                                | No                                                                                              | <b>Rechargeable Energy Storage System Indicator</b>   | Yes              |                        |              |      |   |                |             |   |                   |          |
| <b>Rechargeable Energy Storage System</b>                                                                                                                                                                                                                                 | Battery(s)                                                                                      | <b>Rechargeable Energy Storage System, if 'Other'</b> | --               |                        |              |      |   |                |             |   |                   |          |
| <b>Off-board charge Capable Indicator</b>                                                                                                                                                                                                                                 | Yes                                                                                             |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Odometer Correction -- Initial</b>                                                                                                                                                                                                                                     | 0                                                                                               | <b>Odometer Correction Factor</b>                     | 1.0049           |                        |              |      |   |                |             |   |                   |          |
| <b>Odometer Correction Sign</b>                                                                                                                                                                                                                                           | - = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Odometer Correction Units</b>                                                                                                                                                                                                                                          | Miles                                                                                           |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Engine Code</b>                                                                                                                                                                                                                                                        | DWHE                                                                                            | <b>Rated Horsepower</b>                               | 612              |                        |              |      |   |                |             |   |                   |          |
| <b>Displacement (liters)</b>                                                                                                                                                                                                                                              | 3.996                                                                                           |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Air Aspiration Method</b>                                                                                                                                                                                                                                              | Turbocharged                                                                                    | <b>Air Aspiration Method, if 'Other'</b>              |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Number of Air Aspiration Devices</b>                                                                                                                                                                                                                                   | 2                                                                                               | <b>Air Aspiration Device Configuration</b>            | Parallel         |                        |              |      |   |                |             |   |                   |          |
| <b>Charge Air Cooler Type</b>                                                                                                                                                                                                                                             | Liquid                                                                                          | <b>Drive Mode While Testing</b>                       | All Wheel Drive  |                        |              |      |   |                |             |   |                   |          |
| <b>Shift Indicator Light Usage</b>                                                                                                                                                                                                                                        | Not equipped                                                                                    | <b>Aged Emission Components</b>                       | 4,000 (mi)       |                        |              |      |   |                |             |   |                   |          |
| <b>Curb Weight (lbs)</b>                                                                                                                                                                                                                                                  | 5831                                                                                            | <b>Equivalent Test Weight (pounds)</b>                | 6000             |                        |              |      |   |                |             |   |                   |          |
| <b>GVWR (lbs)</b>                                                                                                                                                                                                                                                         | 7022                                                                                            | <b>N/V Ratio</b>                                      | 21.6             |                        |              |      |   |                |             |   |                   |          |
| <b>Axle Ratio</b>                                                                                                                                                                                                                                                         | 2.95                                                                                            |                                                       |                  |                        |              |      |   |                |             |   |                   |          |
| <b>Transmission Type</b>                                                                                                                                                                                                                                                  | Automated Manual- Selectable (e.g. Automated Manual with paddles)                               | <b># of Transmission Gears</b>                        | 8                |                        |              |      |   |                |             |   |                   |          |
| <b>Transmission Lockup</b>                                                                                                                                                                                                                                                | No                                                                                              | <b>Creep Gear</b>                                     | No               |                        |              |      |   |                |             |   |                   |          |

Certification Summary Information Report

|                                    |         |                                            |                |                  |                              |                |                                                                                  |
|------------------------------------|---------|--------------------------------------------|----------------|------------------|------------------------------|----------------|----------------------------------------------------------------------------------|
| Test Group                         |         | VVGAT04.0LTA                               |                |                  | Evaporative/Refueling Family |                | VVGAR0176LCS                                                                     |
| Dynamometer Coefficients:          |         |                                            |                |                  |                              |                |                                                                                  |
| Target Coefficients                |         |                                            |                | Set Coefficients |                              |                | EPA Calculated Total Road Load Horse Power for<br>City/Highway/Evap Coefficients |
| Coefficient<br>Category            | A (lbf) | B (lbf/mph)                                | C (lbf/mph**2) | A (lbf)          | B (lbf/mph)                  | C (lbf/mph**2) |                                                                                  |
| City/Highway/Evap                  | 67.92   | 0.2416                                     | 0.03096        | 1.88             | -0.244                       | 0.03197        | 21                                                                               |
| Cold CO                            | 74.71   | 0.2657                                     | 0.03406        | -21.33           | -0.6372                      | 0.03668        | N/A                                                                              |
| US06                               | 67.92   | 0.2416                                     | 0.03096        | 1.88             | -0.244                       | 0.03197        | N/A                                                                              |
| Emission Control Device Comments   |         | DFI / 2CAC / 2TC / 2WR-HO2S / 2TWC / 2HO2S |                |                  |                              |                |                                                                                  |
| Manufacturer Test Vehicle Comments |         | --                                         |                |                  |                              |                |                                                                                  |

## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                               | Evaporative/Refueling Family          | VVGAR0176LCS                                        |
|------------------------------------------------|--------------------------------------------|---------------------------------------|-----------------------------------------------------|
| <b>Test #</b>                                  | <b>VVGA10094397</b>                        | <b>Test Procedure</b>                 | <b>21 - Federal fuel 2-day exhaust (w/can load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)  |
| <b>Test Date</b>                               | 03/11/2026                                 | <b>Fuel</b>                           | Gasoline                                            |
| <b>Fuel Batch ID</b>                           | LB0022                                     | <b>Fuel Calibration Number</b>        | 1                                                   |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | EPA Assigned                                        |
| <b>Verify Test Lab ID</b>                      | Automobili Lamborghini S.p.A.              |                                       |                                                     |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                                     |
| <b>Test Start Odometer Reading</b>             | 4473                                       | <b>Odometer Units</b>                 | M                                                   |
| <b>4WD Test Dyno</b>                           | Yes                                        | <b>Diesel Adjustment Factor Usage</b> | --                                                  |
| <b>State of Charge Delta</b>                   | Yes                                        |                                       |                                                     |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | Yes                                                 |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|----------------------------------------------------|-----------------------|----------------------------------------------------------|
| ACT-DISTANCE (Actual Distance Driven (miles))      | 14.895                | --                                                       |
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 1244.0488224          | --                                                       |
| CO BAG 1 (Bag 1 Carbon Monoxide)                   | 0.33                  | --                                                       |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 1215.4137646          | --                                                       |
| CO BAG 2 (Bag 2 Carbon Monoxide)                   | 0.12                  | --                                                       |
| METHANE (CH4 - Methane)                            | 0.005365              | --                                                       |
| CO (Carbon Monoxide)                               | 0.2086811             | --                                                       |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 1.596409              | --                                                       |
| DT-EER (Drive Trace Energy Economy Rating)         | 1.232969              | --                                                       |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 1.692012              | --                                                       |
| MFR FE (Manufacturer Fuel Economy)                 | 7.1                   | 7.1                                                      |
| NOX (Nitrogen Oxide)                               | 0.032532              | --                                                       |
| N2O (Nitrous Oxide)                                | 0.0001964             | --                                                       |
| HC-NM (Non-methane Hydrocarbon)                    | 0.0076928             | --                                                       |
| NMOG (Non-methane organic gases)                   | 0.0077                | --                                                       |
| PM (Particulate Matter)                            | 0.0008223             | --                                                       |
| HC-TOTAL (Total Hydrocarbon)                       | 0.01174               | --                                                       |
| WATT-HRS (Watt Hours)                              | 11.483                | --                                                       |

## Certification Summary Information Report

| Test Group                                                                                                              |               | VVGAT04.0LTA                                                                            |               | Evaporative/Refueling Family |     |                                 |                          | VVGAR0176LCS |         |                     |          |           |
|-------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------|---------------|------------------------------|-----|---------------------------------|--------------------------|--------------|---------|---------------------|----------|-----------|
|                                                                                                                         |               | Test Result Name                                                                        |               | Unrounded Test Result        |     | Verify Calculated CREE/OPT-CREE |                          |              |         |                     |          |           |
|                                                                                                                         |               | Carbon-Related Exhaust Emissions                                                        |               | 1228                         |     | 1228                            |                          |              |         |                     |          |           |
|                                                                                                                         |               | Test Result Name                                                                        |               | Unrounded Test Result        |     | Verify Calculated CO2           |                          |              |         |                     |          |           |
|                                                                                                                         |               | Carbon dioxide                                                                          |               | 1227.7268556                 |     | --                              |                          |              |         |                     |          |           |
| Manufacturer Test Comments                                                                                              |               | Lab Comments: Mod Corsa-Performance; VeCeD: FTP Tested as URUS SE EDV ETW: 6000 RLHP: 0 |               |                              |     |                                 |                          |              |         |                     |          |           |
| Certification Region                                                                                                    | Useful Life   | Standard Level                                                                          | Emission Name | Rounded Result               | RAF | NMOG/NM HC Ratio                | Diesel Adjustment Factor | Add DF       | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                                                                                                                     | 120,000 miles | Federal Tier 4 Bin 70                                                                   | CREE          | 1228                         | --  | --                              | --                       | 0.64         | --      | 1229                | --       | --        |
| Fed                                                                                                                     | 120,000 miles | Federal Tier 4 Bin 70                                                                   | METHANE       | 0.0054                       | --  | --                              | --                       | 0.0027       | --      | 0.008               | 0.030    | Pass      |
| Fed                                                                                                                     | 120,000 miles | Federal Tier 4 Bin 70                                                                   | N2O           | 0.0002                       | --  | --                              | --                       | 0.0012       | --      | 0.001               | 0.010    | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 4 Bin 70                                                                   | CO            | 0.21                         | --  | --                              | --                       | 0.24         | --      | 0.4                 | 1.7      | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 4 Bin 70                                                                   | CO-COMP       | 0.46                         | --  | --                              | --                       | --           | --      | 0.5                 | 4.2      | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 4 Bin 70                                                                   | NMOG          | 0.0077                       | --  | 1.0984                          | --                       | 0.0098       | --      | 0.018               | 99.999   | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 4 Bin 70                                                                   | NMOG+NOX      | 0.0402                       | --  | --                              | --                       | --           | --      | 0.057               | 0.070    | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 4 Bin 70                                                                   | NMOG+NOX-COMP | 0.0454                       | --  | --                              | --                       | --           | --      | 0.045               | 0.090    | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 4 Bin 70                                                                   | NOX           | 0.0325                       | --  | --                              | --                       | 0.007        | --      | 0.04                | 99.999   | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 4 Bin 70                                                                   | PM            | 0.0008                       | --  | --                              | --                       | 0            | --      | 0.001               | 0.003    | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III ULEV70                                                               | CO            | 0.21                         | --  | --                              | --                       | 0.24         | --      | 0.4                 | 1.7      | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III ULEV70                                                               | CO-COMP       | 0.46                         | --  | --                              | --                       | --           | --      | 0.5                 | 4.2      | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III ULEV70                                                               | NMOG          | 0.0077                       | --  | 1.0984                          | --                       | 0.0098       | --      | 0.018               | 99.999   | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III ULEV70                                                               | NMOG+NOX      | 0.0402                       | --  | --                              | --                       | --           | --      | 0.057               | 0.070    | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III ULEV70                                                               | NMOG+NOX-COMP | 0.0454                       | --  | --                              | --                       | --           | --      | 0.045               | 0.090    | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III ULEV70                                                               | NOX           | 0.0325                       | --  | --                              | --                       | 0.007        | --      | 0.04                | 99.999   | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III ULEV70                                                               | PM            | 0.0008                       | --  | --                              | --                       | 0            | --      | 0.001               | 0.003    | Pass      |
| NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values. |               |                                                                                         |               |                              |     |                                 |                          |              |         |                     |          |           |

## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                               | Evaporative/Refueling Family          | VVGAR0176LCS                                       |
|------------------------------------------------|--------------------------------------------|---------------------------------------|----------------------------------------------------|
| <b>Test #</b>                                  | <b>VVGA10094405</b>                        | <b>Test Procedure</b>                 | <b>52 - Fed. fuel 50 F exh.</b>                    |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                               | 03/13/2026                                 | <b>Fuel</b>                           | Gasoline                                           |
| <b>Fuel Batch ID</b>                           | LB0022                                     | <b>Fuel Calibration Number</b>        | 1                                                  |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | EPA Assigned                                       |
| <b>Verify Test Lab ID</b>                      | Automobili Lamborghini S.p.A.              |                                       |                                                    |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                                    |
| <b>Test Start Odometer Reading</b>             | 4584                                       | <b>Odometer Units</b>                 | M                                                  |
| <b>4WD Test Dyno</b>                           | Yes                                        | <b>Diesel Adjustment Factor Usage</b> | --                                                 |
| <b>State of Charge Delta</b>                   | --                                         |                                       |                                                    |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | Yes                                                |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|----------------------------------------------------|-----------------------|----------------------------------------------------------|
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 1098.6548918          | --                                                       |
| CO BAG 1 (Bag 1 Carbon Monoxide)                   | 0.61                  | --                                                       |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 1447.1594616          | --                                                       |
| CO BAG 2 (Bag 2 Carbon Monoxide)                   | 0.04                  | --                                                       |
| CO2 BAG 3 (Bag 3 Carbon Dioxide)                   | 1033.2402081          | --                                                       |
| CO BAG 3 (Bag 3 Carbon Monoxide)                   | 0.38                  | --                                                       |
| METHANE (CH4 - Methane)                            | 0.0020244             | --                                                       |
| CO (Carbon Monoxide)                               | 0.2494902             | --                                                       |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -1.108745             | --                                                       |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.4650831            | --                                                       |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -1.915455             | --                                                       |
| MFR FE (Manufacturer Fuel Economy)                 | 6.9                   | 6.9                                                      |
| NOX (Nitrogen Oxide)                               | 0.0168815             | --                                                       |
| N2O (Nitrous Oxide)                                | 0.0003614             | --                                                       |
| HC-NM (Non-methane Hydrocarbon)                    | 0.0094603             | --                                                       |
| NMOG (Non-methane organic gases)                   | 0.0095                | --                                                       |
| PM (Particulate Matter)                            | 0.001422              | --                                                       |
| HC-TOTAL (Total Hydrocarbon)                       | 0.0108376             | --                                                       |

| Test Result Name                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|----------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions | 1261                  | --                              |

Certification Summary Information Report

|                            |             |                                                                                             |               |                       |     |                              |                          |        |         |                     |          |           |  |
|----------------------------|-------------|---------------------------------------------------------------------------------------------|---------------|-----------------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|--|
| Test Group                 |             | VVGAT04.0LTA                                                                                |               |                       |     | Evaporative/Refueling Family |                          |        |         | VVGAR0176LCS        |          |           |  |
|                            |             | Test Result Name                                                                            |               | Unrounded Test Result |     |                              | Verify Calculated CO2    |        |         |                     |          |           |  |
|                            |             | Carbon dioxide                                                                              |               | 1260.952889           |     |                              | --                       |        |         |                     |          |           |  |
| Manufacturer Test Comments |             | Lab Comments: FTP_10°C; Mod Corsa-Ric; VeCeD: 50FTP Tested as URUS SE EDV ETW: 6000 RLHP: 0 |               |                       |     |                              |                          |        |         |                     |          |           |  |
| Certification Region       | Useful Life | Standard Level                                                                              | Emission Name | Rounded Result        | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |  |
| CA                         | 4,000 miles | California LEV-III ULEV70                                                                   | CO            | 0.25                  | --  | --                           | --                       | --     | --      | 0.2                 | 1.7      | Pass      |  |
| CA                         | 4,000 miles | California LEV-III ULEV70                                                                   | NMOG          | 0.0095                | --  | 1.0984                       | --                       | --     | --      | 0.01                | 99.999   | Pass      |  |
| CA                         | 4,000 miles | California LEV-III ULEV70                                                                   | NMOG+NOX      | 0.0264                | --  | --                           | --                       | --     | --      | 0.026               | 0.140    | Pass      |  |
| CA                         | 4,000 miles | California LEV-III ULEV70                                                                   | NOX           | 0.0169                | --  | --                           | --                       | --     | --      | 0.017               | 99.999   | Pass      |  |



## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                               | Evaporative/Refueling Family          | VVGAR0176LCS                               |
|------------------------------------------------|--------------------------------------------|---------------------------------------|--------------------------------------------|
| <b>Test #</b>                                  | <b>VVGA10094429</b>                        | <b>Test Procedure</b>                 | <b>11 - Cold CO</b>                        |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 29 - Cold CO E10 Premium Gasoline (Tier 3) |
| <b>Test Date</b>                               | 03/17/2026                                 | <b>Fuel</b>                           | Gasoline                                   |
| <b>Fuel Batch ID</b>                           | LB0024                                     | <b>Fuel Calibration Number</b>        | 1                                          |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | EPA Assigned                               |
| <b>Verify Test Lab ID</b>                      | Automobili Lamborghini S.p.A.              |                                       |                                            |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                            |
| <b>Test Start Odometer Reading</b>             | 4647                                       | <b>Odometer Units</b>                 | M                                          |
| <b>4WD Test Dyno</b>                           | Yes                                        | <b>Diesel Adjustment Factor Usage</b> | --                                         |
| <b>State of Charge Delta</b>                   | --                                         |                                       |                                            |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | Yes                                        |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|----------------------------------------------------|-----------------------|----------------------------------------------------------|
| ACT-DISTANCE (Actual Distance Driven (miles))      | 10.995                | --                                                       |
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 1162.6845741          | --                                                       |
| CO BAG 1 (Bag 1 Carbon Monoxide)                   | 1.29                  | --                                                       |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 1484.9135453          | --                                                       |
| CO BAG 2 (Bag 2 Carbon Monoxide)                   | 0.06                  | --                                                       |
| CO2 BAG 3 (Bag 3 Carbon Dioxide)                   | 1064.1758232          | --                                                       |
| CO BAG 3 (Bag 3 Carbon Monoxide)                   | 0.38                  | --                                                       |
| METHANE (CH4 - Methane)                            | 0.0042911             | --                                                       |
| CO (Carbon Monoxide)                               | 0.4014377             | --                                                       |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 3.684003              | --                                                       |
| DT-EER (Drive Trace Energy Economy Rating)         | 2.107453              | --                                                       |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 5.0135                | --                                                       |
| MFR FE (Manufacturer Fuel Economy)                 | 6.7                   | 6.7                                                      |
| NOX (Nitrogen Oxide)                               | 0.0310855             | --                                                       |
| N2O (Nitrous Oxide)                                | 0.0005415             | --                                                       |
| HC-NM (Non-methane Hydrocarbon)                    | 0.0294241             | --                                                       |
| NMOG (Non-methane organic gases)                   | 0.0294                | --                                                       |
| PM (Particulate Matter)                            | 0.0046126             | --                                                       |
| HC-TOTAL (Total Hydrocarbon)                       | 0.033179              | --                                                       |
| WATT-HRS (Watt Hours)                              | 8213.88               | --                                                       |

Certification Summary Information Report

| Test Group                 |               | VVGAT04.0LTA                                                                         |               |                       |     | Evaporative/Refueling Family    |                          |        |         | VVGAR0176LCS        |          |           |
|----------------------------|---------------|--------------------------------------------------------------------------------------|---------------|-----------------------|-----|---------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
|                            |               | Test Result Name                                                                     |               | Unrounded Test Result |     | Verify Calculated CREE/OPT-CREE |                          |        |         |                     |          |           |
|                            |               | Carbon-Related Exhaust Emissions                                                     |               | 1304                  |     | --                              |                          |        |         |                     |          |           |
|                            |               | Test Result Name                                                                     |               | Unrounded Test Result |     | Verify Calculated CO2           |                          |        |         |                     |          |           |
|                            |               | Carbon dioxide                                                                       |               | 1303.0628232          |     | --                              |                          |        |         |                     |          |           |
| Manufacturer Test Comments |               | Lab Comments: <no value data>; VeCeD: COLDCO Tested as URUS SE EDV ETW: 6000 RLHP: 0 |               |                       |     |                                 |                          |        |         |                     |          |           |
| Certification Region       | Useful Life   | Standard Level                                                                       | Emission Name | Rounded Result        | RAF | NMOG/NM HC Ratio                | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                        | 50,000 miles  | Federal Tier 4 Bin 70                                                                | CO            | 0.4                   | --  | --                              | --                       | 0.24   | --      | 0.6                 | 10.0     | Pass      |
| Fed                        | 120,000 miles | Federal Tier 4 Bin 70                                                                | HC-NM         | 0.03                  | --  | --                              | --                       | 0.0098 | --      | 0                   | 0.5      | Pass      |
| CA                         | 50,000 miles  | California LEV-III ULEV70                                                            | CO            | 0.4                   | --  | --                              | --                       | 0.24   | --      | 0.6                 | 10.0     | Pass      |

## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                               | Evaporative/Refueling Family          | VVGAR0176LCS                                       |
|------------------------------------------------|--------------------------------------------|---------------------------------------|----------------------------------------------------|
| <b>Test #</b>                                  | <b>VVGA10094400</b>                        | <b>Test Procedure</b>                 | <b>3 - HWFE</b>                                    |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                               | 03/11/2026                                 | <b>Fuel</b>                           | Gasoline                                           |
| <b>Fuel Batch ID</b>                           | LB0022                                     | <b>Fuel Calibration Number</b>        | 1                                                  |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | EPA Assigned                                       |
| <b>Verify Test Lab ID</b>                      | Automobili Lamborghini S.p.A.              |                                       |                                                    |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                                    |
| <b>Test Start Odometer Reading</b>             | 4516                                       | <b>Odometer Units</b>                 | M                                                  |
| <b>4WD Test Dyno</b>                           | Yes                                        | <b>Diesel Adjustment Factor Usage</b> | --                                                 |
| <b>State of Charge Delta</b>                   | Yes                                        |                                       |                                                    |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | Yes                                                |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|----------------------------------------------------|-----------------------|----------------------------------------------------------|
| ACT-DISTANCE (Actual Distance Driven (miles))      | 10.237                | --                                                       |
| METHANE (CH4 - Methane)                            | 0.0132221             | --                                                       |
| CO (Carbon Monoxide)                               | 0.3903762             | --                                                       |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 2.888533              | --                                                       |
| DT-EER (Drive Trace Energy Economy Rating)         | 0.6507809             | --                                                       |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 3.319985              | --                                                       |
| MFR FE (Manufacturer Fuel Economy)                 | 12.9                  | 12.9                                                     |
| NOX (Nitrogen Oxide)                               | 0.0048695             | --                                                       |
| N2O (Nitrous Oxide)                                | 0                     | --                                                       |
| HC-NM (Non-methane Hydrocarbon)                    | 0.0019178             | --                                                       |
| NMOG (Non-methane organic gases)                   | 0.0019                | --                                                       |
| HC-TOTAL (Total Hydrocarbon)                       | 0.0144288             | --                                                       |
| WATT-HRS (Watt Hours)                              | 3.663                 | --                                                       |

| Test Result Name                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|----------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions | 678                   | 678                             |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 677.2597527           | --                    |

## Manufacturer Test Comments

Lab Comments: Mod Corsa Ricarica; VeCeD: HWY Tested as URUS SE EDV ETW: 6000 RLHP: 0

## Certification Summary Information Report

| Test Group           |               | VVGAT04.0LTA              |               |                | Evaporative/Refueling Family |                  |                          |        |         | VVGAR0176LCS        |          |           |
|----------------------|---------------|---------------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level            | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 120,000 miles | Federal Tier 4 Bin 70     | CREE          | 678            | --                           | --               | --                       | 0.64   | --      | 679                 | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 4 Bin 70     | NMOG          | 0.0019         | --                           | 1.03             | --                       | 0.0098 | --      | 0.012               | 99.999   | Pass      |
| Fed                  | 150,000 miles | Federal Tier 4 Bin 70     | NMOG+NOX      | 0.0068         | --                           | --               | --                       | --     | --      | 0.024               | 0.070    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 4 Bin 70     | NOX           | 0.0049         | --                           | --               | --                       | 0.007  | --      | 0.012               | 99.999   | Pass      |
| CA                   | 150,000 miles | California LEV-III ULEV70 | NMOG          | 0.0019         | --                           | 1.03             | --                       | 0.0098 | --      | 0.012               | 99.999   | Pass      |
| CA                   | 150,000 miles | California LEV-III ULEV70 | NMOG+NOX      | 0.0068         | --                           | --               | --                       | --     | --      | 0.024               | 0.070    | Pass      |
| CA                   | 150,000 miles | California LEV-III ULEV70 | NOX           | 0.0049         | --                           | --               | --                       | 0.007  | --      | 0.012               | 99.999   | Pass      |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                               | Evaporative/Refueling Family          | VVGAR0176LCS                                       |
|------------------------------------------------|--------------------------------------------|---------------------------------------|----------------------------------------------------|
| <b>Test #</b>                                  | <b>VVGA10094403</b>                        | <b>Test Procedure</b>                 | <b>90 - US06</b>                                   |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                               | 03/11/2026                                 | <b>Fuel</b>                           | Gasoline                                           |
| <b>Fuel Batch ID</b>                           | LB0022                                     | <b>Fuel Calibration Number</b>        | 1                                                  |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | EPA Assigned                                       |
| <b>Verify Test Lab ID</b>                      | Automobili Lamborghini S.p.A.              |                                       |                                                    |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                                    |
| <b>Test Start Odometer Reading</b>             | 4554                                       | <b>Odometer Units</b>                 | M                                                  |
| <b>4WD Test Dyno</b>                           | Yes                                        | <b>Diesel Adjustment Factor Usage</b> | --                                                 |
| <b>State of Charge Delta</b>                   | Yes                                        |                                       |                                                    |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | Yes                                                |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|----------------------------------------------------|-----------------------|----------------------------------------------------------|
| ACT-DISTANCE (Actual Distance Driven (miles))      | 8.01                  | --                                                       |
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 1196.9854884          | --                                                       |
| CO BAG 1 (Bag 1 Carbon Monoxide)                   | 0.28                  | --                                                       |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 706.4077084           | --                                                       |
| CO BAG 2 (Bag 2 Carbon Monoxide)                   | 0.21                  | --                                                       |
| METHANE (CH4 - Methane)                            | 0.0045889             | --                                                       |
| CO (Carbon Monoxide)                               | 0.2268097             | --                                                       |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 1.464771              | --                                                       |
| DT-EER (Drive Trace Energy Economy Rating)         | 0.4439719             | --                                                       |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 3.803758              | --                                                       |
| MFR FE (Manufacturer Fuel Economy)                 | 10.7                  | 10.7                                                     |
| NOX (Nitrogen Oxide)                               | 0.0174998             | --                                                       |
| N2O (Nitrous Oxide)                                | 0                     | --                                                       |
| HC-NM (Non-methane Hydrocarbon)                    | 0.0013366             | --                                                       |
| NMOG (Non-methane organic gases)                   | 0.0013                | --                                                       |
| PM (Particulate Matter)                            | 0.0011294             | --                                                       |
| HC-TOTAL (Total Hydrocarbon)                       | 0.0051436             | --                                                       |
| WATT-HRS (Watt Hours)                              | 2.916                 | --                                                       |

| Test Result Name                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|----------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions | 816                   | --                              |

## Certification Summary Information Report

| Test Group                 |               | VVGAT04.0LTA              |               |                                                                                       |     | Evaporative/Refueling Family |                          |        |                       | VVGAR0176LCS        |          |           |
|----------------------------|---------------|---------------------------|---------------|---------------------------------------------------------------------------------------|-----|------------------------------|--------------------------|--------|-----------------------|---------------------|----------|-----------|
|                            |               |                           |               |                                                                                       |     |                              |                          |        |                       |                     |          |           |
|                            |               |                           |               | Test Result Name                                                                      |     | Unrounded Test Result        |                          |        | Verify Calculated CO2 |                     |          |           |
|                            |               |                           |               | Carbon dioxide                                                                        |     | 815.5590512                  |                          |        | --                    |                     |          |           |
| Manufacturer Test Comments |               |                           |               | Lab Comments: Mod Corsa Ricarica; VeCeD: US06 Tested as URUS SE EDV ETW: 6000 RLHP: 0 |     |                              |                          |        |                       |                     |          |           |
| Certification Region       | Useful Life   | Standard Level            | Emission Name | Rounded Result                                                                        | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF               | Certification Level | Standard | Pass/Fail |
| Fed                        | 150,000 miles | Federal Tier 4 Bin 70     | CO            | 0.2268                                                                                | --  | --                           | --                       | 0.24   | --                    | 0.467               | 99.999   | Pass      |
| Fed                        | 150,000 miles | Federal Tier 4 Bin 70     | NMOG          | 0.0013                                                                                | --  | 1.03                         | --                       | 0.0098 | --                    | 0.011               | 99.999   | Pass      |
| Fed                        | 150,000 miles | Federal Tier 4 Bin 70     | NOX           | 0.0175                                                                                | --  | --                           | --                       | 0.007  | --                    | 0.024               | 99.999   | Pass      |
| Fed                        | 150,000 miles | Federal Tier 4 Bin 70     | PM            | 0.0011                                                                                | --  | --                           | --                       | 0      | --                    | 0.001               | 0.006    | Pass      |
| CA                         | 150,000 miles | California LEV-III ULEV70 | CO            | 0.2268                                                                                | --  | --                           | --                       | 0.24   | --                    | 0.467               | 99.999   | Pass      |
| CA                         | 150,000 miles | California LEV-III ULEV70 | NMOG          | 0.0013                                                                                | --  | 1.03                         | --                       | 0.0098 | --                    | 0.011               | 99.999   | Pass      |
| CA                         | 150,000 miles | California LEV-III ULEV70 | NOX           | 0.0175                                                                                | --  | --                           | --                       | 0.007  | --                    | 0.024               | 99.999   | Pass      |
| CA                         | 150,000 miles | California LEV-III ULEV70 | PM            | 0.0011                                                                                | --  | --                           | --                       | 0      | --                    | 0.001               | 0.006    | Pass      |

## Certification Summary Information Report

|                                                           |                                                                                    |                                                                 |                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------|
| <b>Test Group</b>                                         | VVGAT04.0LTA                                                                       | <b>Evaporative/Refueling Family</b>                             | VVGAR0176LCS                                       |
| <b>Test #</b>                                             | <b>VVGA10094407</b>                                                                | <b>Test Procedure</b>                                           | <b>95 - SC03</b>                                   |
| <b>Exhaust Test # for this Evap Test</b>                  | --                                                                                 | <b>Test Fuel Type</b>                                           | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                                          | 04/09/2026                                                                         | <b>Fuel</b>                                                     | Gasoline                                           |
| <b>Fuel Batch ID</b>                                      | IG0060                                                                             | <b>Fuel Calibration Number</b>                                  | 1                                                  |
| <b>Vehicle Class</b>                                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)                                         | <b>DF Type</b>                                                  | EPA Assigned                                       |
| <b>Verify Test Lab ID</b>                                 | AUDI AG Ingolstadt                                                                 |                                                                 |                                                    |
| <b>E10 Evaporative Test Measurement Method</b>            | --                                                                                 |                                                                 |                                                    |
| <b>Test Start Odometer Reading</b>                        | 4838                                                                               | <b>Odometer Units</b>                                           | M                                                  |
| <b>4WD Test Dyno</b>                                      | Yes                                                                                | <b>Diesel Adjustment Factor Usage</b>                           | --                                                 |
| <b>State of Charge Delta</b>                              | Yes                                                                                |                                                                 |                                                    |
| <b>Drive Cycle Speed Tolerance Criteria</b>               | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)                                          | <b>Road Speed Fan Usage</b>                                     | Yes                                                |
| <b>Test Results</b>                                       |                                                                                    |                                                                 |                                                    |
| <b>Test Result Name</b>                                   | <b>Unrounded Test Result</b>                                                       | <b>Verify Calculated FE Equivalent Value (miles per gallon)</b> |                                                    |
| <b>ACT-DISTANCE (Actual Distance Driven (miles))</b>      | 3.585                                                                              | --                                                              |                                                    |
| <b>METHANE (CH4 - Methane)</b>                            | 0.0016833                                                                          | --                                                              |                                                    |
| <b>CO (Carbon Monoxide)</b>                               | 0.2113783                                                                          | --                                                              |                                                    |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -0.3723266                                                                         | --                                                              |                                                    |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | -0.7883608                                                                         | --                                                              |                                                    |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -1.486009                                                                          | --                                                              |                                                    |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 7.6                                                                                | 7.6                                                             |                                                    |
| <b>NOX (Nitrogen Oxide)</b>                               | 0.0198946                                                                          | --                                                              |                                                    |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0.0050608                                                                          | --                                                              |                                                    |
| <b>NMOG (Non-methane organic gases)</b>                   | 0.0051                                                                             | --                                                              |                                                    |
| <b>HC-TOTAL (Total Hydrocarbon)</b>                       | 0.0066903                                                                          | --                                                              |                                                    |
| <b>WATT-HRS (Watt Hours)</b>                              | 2.435                                                                              | --                                                              |                                                    |
| <b>Test Result Name</b>                                   | <b>Unrounded Test Result</b>                                                       | <b>Verify Calculated CREE/OPT-CREE</b>                          |                                                    |
| <b>Carbon-Related Exhaust Emissions</b>                   | 1149                                                                               | --                                                              |                                                    |
| <b>Test Result Name</b>                                   | <b>Unrounded Test Result</b>                                                       | <b>Verify Calculated CO2</b>                                    |                                                    |
| <b>Carbon dioxide</b>                                     | 1148.8794603                                                                       | --                                                              |                                                    |
| <b>Manufacturer Test Comments</b>                         | Lab Comments: kein Kommentar!; VeCeD: SC03 Tested as URUS SE EDV ETW: 6000 RLHP: 0 |                                                                 |                                                    |

## Certification Summary Information Report

| Test Group           |               | VVGAT04.0LTA              |               |                |     | Evaporative/Refueling Family |                          |        |         | VVGAR0176LCS        |          |           |
|----------------------|---------------|---------------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level            | Emission Name | Rounded Result | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 4 Bin 70     | CO            | 0.2114         | --  | --                           | --                       | 0.24   | --      | 0.451               | 99.999   | Pass      |
| Fed                  | 150,000 miles | Federal Tier 4 Bin 70     | NMOG          | 0.0051         | --  | 1.03                         | --                       | 0.0098 | --      | 0.015               | 99.999   | Pass      |
| Fed                  | 150,000 miles | Federal Tier 4 Bin 70     | NOX           | 0.0199         | --  | --                           | --                       | 0.007  | --      | 0.027               | 99.999   | Pass      |
| CA                   | 150,000 miles | California LEV-III ULEV70 | CO            | 0.2114         | --  | --                           | --                       | 0.24   | --      | 0.451               | 99.999   | Pass      |
| CA                   | 150,000 miles | California LEV-III ULEV70 | NMOG          | 0.0051         | --  | 1.03                         | --                       | 0.0098 | --      | 0.015               | 99.999   | Pass      |
| CA                   | 150,000 miles | California LEV-III ULEV70 | NOX           | 0.0199         | --  | --                           | --                       | 0.007  | --      | 0.027               | 99.999   | Pass      |



## Certification Summary Information Report

| Test Group                                               | VVGAT04.0LTA                              | Evaporative/Refueling Family                  | VVGAR0176LCS                      |
|----------------------------------------------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------|
| <b>Test #</b>                                            | <b>VVGA10094515</b>                       | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |
| <b>Exhaust Test # for this Evap Test</b>                 | --                                        | <b>Test Fuel Type</b>                         | 61 - Tier 2 Cert Gasoline         |
| <b>Test Date</b>                                         | 04/29/2026                                | <b>Fuel</b>                                   | N/A                               |
| <b>Fuel Batch ID</b>                                     | LB0025                                    | <b>Fuel Calibration Number</b>                | 1                                 |
| <b>Vehicle Class</b>                                     | N/A                                       | <b>DF Type</b>                                | EPA Assigned                      |
| <b>Verify Test Lab ID</b>                                | Automobili Lamborghini S.p.A.             |                                               |                                   |
| <b>E10 Evaporative Test Measurement Method</b>           | --                                        |                                               |                                   |
| <b>Test Start Odometer Reading</b>                       | 5060                                      | <b>Odometer Units</b>                         | M                                 |
| <b>4WD Test Dyno</b>                                     | Yes                                       | <b>Diesel Adjustment Factor Usage</b>         | --                                |
| <b>State of Charge Delta</b>                             | Yes                                       |                                               |                                   |
| <b>Drive Cycle Speed Tolerance Criteria</b>              | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | <b>Road Speed Fan Usage</b>                   | Yes                               |
| <b>PHEV/EV Charge Depleting Test Information</b>         |                                           |                                               |                                   |
| <b>Recharge Event Voltage</b>                            | 240                                       | <b>Recharge Event Energy (kiloWatt-hours)</b> | 25.414                            |
| <b>Charge Depleting Range (Calculated miles)</b>         | 44.073                                    | <b>Charge Depleting Range (Actual miles)</b>  | 43.987                            |
| <b>Charge Depleting Range Highway (Calculated miles)</b> | --                                        | <b>Derived 5-Cycle Coefficient Model Year</b> | 2017                              |
| <b>All Electric Range Unadjusted (miles)</b>             | 43.987                                    | <b>Equivalent All Electric Range (miles)</b>  | 44.073                            |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>  | 7                                         | <b>Transition Bag/Phase Number</b>            | 6                                 |
| <b>Charge Depleting Bag/Phase #1</b>                     |                                           |                                               |                                   |

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                   | Evaporative/Refueling Family | VVGAR0176LCS |
|-------------------------------|------------------------------------------------|------------------------------|--------------|
|                               | <b>Test Result/Emission Name</b>               | <b>Unrounded Test Result</b> |              |
|                               | Actual Distance Driven (miles)                 | 7.447                        |              |
|                               | Average System Voltage                         | 409.72                       |              |
|                               | CH4 - Methane                                  | 0                            |              |
|                               | Carbon Monoxide                                | 0                            |              |
|                               | Carbon dioxide                                 | 0                            |              |
|                               | Carbon-Related Exhaust Emissions               | 0                            |              |
|                               | Drive Trace Absolute Speed Change Rating       | 0.591                        |              |
|                               | Drive Trace Energy Economy Rating              | -0.2647                      |              |
|                               | Drive Trace Inertia Work Ratio Rating          | 0.2336                       |              |
|                               | Integrated Amp-hours                           | 9.604                        |              |
|                               | Manufacturer Fuel Economy                      | 0                            |              |
|                               | Nitrogen Oxide                                 | 0                            |              |
|                               | Non-methane Hydrocarbon                        | 0                            |              |
|                               | Non-methane organic gases                      | 0                            |              |
|                               | Non-methane organic gases plus Nitrogen Oxides | 999.999                      |              |
|                               | System End State of Charge Watt-hours          | 22.193                       |              |
|                               | System Start State of Charge Watt-hours        | 25.9                         |              |
|                               | Total Hydrocarbon                              | 0                            |              |
| Charge Depleting Bag/Phase #2 |                                                |                              |              |

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Evaporative/Refueling Family | VVGAR0176LCS          |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------------------|-------|------------------------|--------|---------------|---|-----------------|---|----------------|---|----------------------------------|---|------------------------------------------|--------|-----------------------------------|---------|---------------------------------------|--------|----------------------|--------|---------------------------|---|----------------|---|-------------------------|---|---------------------------|---|------------------------------------------------|---------|---------------------------------------|--------|-----------------------------------------|--------|-------------------|---|--|
|                               | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.409</td></tr><tr><td>Average System Voltage</td><td>396.75</td></tr><tr><td>CH4 - Methane</td><td>0</td></tr><tr><td>Carbon Monoxide</td><td>0</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.5329</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.0223</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.8764</td></tr><tr><td>Integrated Amp-hours</td><td>18.954</td></tr><tr><td>Manufacturer Fuel Economy</td><td>0</td></tr><tr><td>Nitrogen Oxide</td><td>0</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0</td></tr><tr><td>Non-methane organic gases</td><td>0</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>18.801</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>22.193</td></tr><tr><td>Total Hydrocarbon</td><td>0</td></tr></table> | Test Result/Emission Name    | Unrounded Test Result | Actual Distance Driven (miles) | 7.409 | Average System Voltage | 396.75 | CH4 - Methane | 0 | Carbon Monoxide | 0 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.5329 | Drive Trace Energy Economy Rating | -1.0223 | Drive Trace Inertia Work Ratio Rating | 0.8764 | Integrated Amp-hours | 18.954 | Manufacturer Fuel Economy | 0 | Nitrogen Oxide | 0 | Non-methane Hydrocarbon | 0 | Non-methane organic gases | 0 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 18.801 | System Start State of Charge Watt-hours | 22.193 | Total Hydrocarbon | 0 |  |
|                               | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unrounded Test Result        |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Actual Distance Driven (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7.409                        |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Average System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 396.75                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | CH4 - Methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon Monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.5329                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -1.0223                      |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.8764                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Integrated Amp-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18.954                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Nitrogen Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane organic gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane organic gases plus Nitrogen Oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 999.999                      |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | System End State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18.801                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | System Start State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 22.193                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Total Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
| Charge Depleting Bag/Phase #3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |        |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |

## Charge Depleting Bag/Phase #3

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                   | Evaporative/Refueling Family | VVGAR0176LCS |
|-------------------------------|------------------------------------------------|------------------------------|--------------|
|                               | <b>Test Result/Emission Name</b>               | <b>Unrounded Test Result</b> |              |
|                               | Actual Distance Driven (miles)                 | 7.453                        |              |
|                               | Average System Voltage                         | 385.59                       |              |
|                               | CH4 - Methane                                  | 0                            |              |
|                               | Carbon Monoxide                                | 0                            |              |
|                               | Carbon dioxide                                 | 0                            |              |
|                               | Carbon-Related Exhaust Emissions               | 0                            |              |
|                               | Drive Trace Absolute Speed Change Rating       | -1.8034                      |              |
|                               | Drive Trace Energy Economy Rating              | -1.22                        |              |
|                               | Drive Trace Inertia Work Ratio Rating          | -3.0149                      |              |
|                               | Integrated Amp-hours                           | 28.459                       |              |
|                               | Manufacturer Fuel Economy                      | 0                            |              |
|                               | Nitrogen Oxide                                 | 0                            |              |
|                               | Non-methane Hydrocarbon                        | 0                            |              |
|                               | Non-methane organic gases                      | 0                            |              |
|                               | Non-methane organic gases plus Nitrogen Oxides | 999.999                      |              |
|                               | System End State of Charge Watt-hours          | 15.458                       |              |
|                               | System Start State of Charge Watt-hours        | 18.801                       |              |
|                               | Total Hydrocarbon                              | 0                            |              |
| Charge Depleting Bag/Phase #4 |                                                |                              |              |

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Evaporative/Refueling Family | VVGAR0176LCS          |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------------------|-------|------------------------|--------|---------------|---|-----------------|---|----------------|---|----------------------------------|---|------------------------------------------|--------|-----------------------------------|---------|---------------------------------------|---------|----------------------|--------|---------------------------|---|----------------|---|-------------------------|---|---------------------------|---|------------------------------------------------|---------|---------------------------------------|--------|-----------------------------------------|--------|-------------------|---|--|
|                               | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.453</td></tr><tr><td>Average System Voltage</td><td>372.77</td></tr><tr><td>CH4 - Methane</td><td>0</td></tr><tr><td>Carbon Monoxide</td><td>0</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-2.548</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.2881</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-4.1317</td></tr><tr><td>Integrated Amp-hours</td><td>38.114</td></tr><tr><td>Manufacturer Fuel Economy</td><td>0</td></tr><tr><td>Nitrogen Oxide</td><td>0</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0</td></tr><tr><td>Non-methane organic gases</td><td>0</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>12.159</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>15.458</td></tr><tr><td>Total Hydrocarbon</td><td>0</td></tr></table> | Test Result/Emission Name    | Unrounded Test Result | Actual Distance Driven (miles) | 7.453 | Average System Voltage | 372.77 | CH4 - Methane | 0 | Carbon Monoxide | 0 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -2.548 | Drive Trace Energy Economy Rating | -1.2881 | Drive Trace Inertia Work Ratio Rating | -4.1317 | Integrated Amp-hours | 38.114 | Manufacturer Fuel Economy | 0 | Nitrogen Oxide | 0 | Non-methane Hydrocarbon | 0 | Non-methane organic gases | 0 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 12.159 | System Start State of Charge Watt-hours | 15.458 | Total Hydrocarbon | 0 |  |
|                               | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unrounded Test Result        |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Actual Distance Driven (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7.453                        |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Average System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 372.77                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | CH4 - Methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon Monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -2.548                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -1.2881                      |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -4.1317                      |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Integrated Amp-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 38.114                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Nitrogen Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane organic gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane organic gases plus Nitrogen Oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 999.999                      |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | System End State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12.159                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | System Start State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15.458                       |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Total Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0                            |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
| Charge Depleting Bag/Phase #5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |       |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |

## Charge Depleting Bag/Phase #5

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                   | Evaporative/Refueling Family | VVGAR0176LCS |
|-------------------------------|------------------------------------------------|------------------------------|--------------|
|                               | <b>Test Result/Emission Name</b>               | <b>Unrounded Test Result</b> |              |
|                               | Actual Distance Driven (miles)                 | 7.397                        |              |
|                               | Average System Voltage                         | 363.24                       |              |
|                               | CH4 - Methane                                  | 0                            |              |
|                               | Carbon Monoxide                                | 0                            |              |
|                               | Carbon dioxide                                 | 0                            |              |
|                               | Carbon-Related Exhaust Emissions               | 0                            |              |
|                               | Drive Trace Absolute Speed Change Rating       | -2.6252                      |              |
|                               | Drive Trace Energy Economy Rating              | -2.1692                      |              |
|                               | Drive Trace Inertia Work Ratio Rating          | -4.2227                      |              |
|                               | Integrated Amp-hours                           | 47.908                       |              |
|                               | Manufacturer Fuel Economy                      | 0                            |              |
|                               | Nitrogen Oxide                                 | 0                            |              |
|                               | Non-methane Hydrocarbon                        | 0                            |              |
|                               | Non-methane organic gases                      | 0                            |              |
|                               | Non-methane organic gases plus Nitrogen Oxides | 999.999                      |              |
|                               | System End State of Charge Watt-hours          | 8.9049                       |              |
|                               | System Start State of Charge Watt-hours        | 12.159                       |              |
|                               | Total Hydrocarbon                              | 0                            |              |
| Charge Depleting Bag/Phase #6 |                                                |                              |              |

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Evaporative/Refueling Family | VVGAR0176LCS          |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------------------|-------|------------------------|--------|---------------|---------|-----------------|---------|----------------|----|----------------------------------|----|------------------------------------------|---------|-----------------------------------|---------|---------------------------------------|---------|----------------------|--------|---------------------------|-------|----------------|---------|-------------------------|---------|---------------------------|---------|------------------------------------------------|---------|---------------------------------------|--------|-----------------------------------------|--------|-------------------|---------|--|
|                               | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.458</td></tr><tr><td>Average System Voltage</td><td>354.48</td></tr><tr><td>CH4 - Methane</td><td>0.00373</td></tr><tr><td>Carbon Monoxide</td><td>0.19803</td></tr><tr><td>Carbon dioxide</td><td>84</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>84</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-2.1458</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.7989</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-3.4188</td></tr><tr><td>Integrated Amp-hours</td><td>56.991</td></tr><tr><td>Manufacturer Fuel Economy</td><td>106.4</td></tr><tr><td>Nitrogen Oxide</td><td>0.00158</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0.02685</td></tr><tr><td>Non-methane organic gases</td><td>0.02765</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>6.0646</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>8.9049</td></tr><tr><td>Total Hydrocarbon</td><td>0.03038</td></tr></table> | Test Result/Emission Name    | Unrounded Test Result | Actual Distance Driven (miles) | 7.458 | Average System Voltage | 354.48 | CH4 - Methane | 0.00373 | Carbon Monoxide | 0.19803 | Carbon dioxide | 84 | Carbon-Related Exhaust Emissions | 84 | Drive Trace Absolute Speed Change Rating | -2.1458 | Drive Trace Energy Economy Rating | -0.7989 | Drive Trace Inertia Work Ratio Rating | -3.4188 | Integrated Amp-hours | 56.991 | Manufacturer Fuel Economy | 106.4 | Nitrogen Oxide | 0.00158 | Non-methane Hydrocarbon | 0.02685 | Non-methane organic gases | 0.02765 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 6.0646 | System Start State of Charge Watt-hours | 8.9049 | Total Hydrocarbon | 0.03038 |  |
|                               | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unrounded Test Result        |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Actual Distance Driven (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7.458                        |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Average System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 354.48                       |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | CH4 - Methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.00373                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Carbon Monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.19803                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 84                           |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 84                           |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -2.1458                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -0.7989                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -3.4188                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Integrated Amp-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 56.991                       |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 106.4                        |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Nitrogen Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.00158                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Non-methane Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.02685                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Non-methane organic gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.02765                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Non-methane organic gases plus Nitrogen Oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 999.999                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | System End State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.0646                       |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | System Start State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.9049                       |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
|                               | Total Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.03038                      |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |
| Charge Depleting Bag/Phase #7 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                       |                                |       |                        |        |               |         |                 |         |                |    |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |  |

Charge Depleting Bag/Phase #7

## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Evaporative/Refueling Family | VVGAR0176LCS |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------|---------------------------|-----------------------|--------------------------------|-------|------------------------|--------|---------------|---------|-----------------|---------|----------------|-----|----------------------------------|-----|------------------------------------------|---------|-----------------------------------|---------|---------------------------------------|---------|----------------------|--------|---------------------------|------|----------------|---------|-------------------------|---------|---------------------------|---------|------------------------------------------------|---------|---------------------------------------|--------|-----------------------------------------|--------|-------------------|---------|
|                                                | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.442</td></tr><tr><td>Average System Voltage</td><td>355.41</td></tr><tr><td>CH4 - Methane</td><td>0.00494</td></tr><tr><td>Carbon Monoxide</td><td>0.64169</td></tr><tr><td>Carbon dioxide</td><td>394</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>395</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-2.5761</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.8351</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-3.8753</td></tr><tr><td>Integrated Amp-hours</td><td>57.273</td></tr><tr><td>Manufacturer Fuel Economy</td><td>22.6</td></tr><tr><td>Nitrogen Oxide</td><td>0.00002</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0.00244</td></tr><tr><td>Non-methane organic gases</td><td>0.00251</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>6.0882</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>6.0646</td></tr><tr><td>Total Hydrocarbon</td><td>0.00711</td></tr></table> |                              |              | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.442 | Average System Voltage | 355.41 | CH4 - Methane | 0.00494 | Carbon Monoxide | 0.64169 | Carbon dioxide | 394 | Carbon-Related Exhaust Emissions | 395 | Drive Trace Absolute Speed Change Rating | -2.5761 | Drive Trace Energy Economy Rating | -0.8351 | Drive Trace Inertia Work Ratio Rating | -3.8753 | Integrated Amp-hours | 57.273 | Manufacturer Fuel Economy | 22.6 | Nitrogen Oxide | 0.00002 | Non-methane Hydrocarbon | 0.00244 | Non-methane organic gases | 0.00251 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 6.0882 | System Start State of Charge Watt-hours | 6.0646 | Total Hydrocarbon | 0.00711 |
| Test Result/Emission Name                      | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Actual Distance Driven (miles)                 | 7.442                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Average System Voltage                         | 355.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| CH4 - Methane                                  | 0.00494                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Carbon Monoxide                                | 0.64169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Carbon dioxide                                 | 394                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Carbon-Related Exhaust Emissions               | 395                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Drive Trace Absolute Speed Change Rating       | -2.5761                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Drive Trace Energy Economy Rating              | -0.8351                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Drive Trace Inertia Work Ratio Rating          | -3.8753                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Integrated Amp-hours                           | 57.273                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Manufacturer Fuel Economy                      | 22.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Nitrogen Oxide                                 | 0.00002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Non-methane Hydrocarbon                        | 0.00244                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Non-methane organic gases                      | 0.00251                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Non-methane organic gases plus Nitrogen Oxides | 999.999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| System End State of Charge Watt-hours          | 6.0882                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| System Start State of Charge Watt-hours        | 6.0646                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Total Hydrocarbon                              | 0.00711                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |
| Manufacturer Test Comments                     | MY2027 Lamborghini Urus Plug-In Hybrid - Charge Depleting UDDS. Whr values entered as kWhr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |              |                           |                       |                                |       |                        |        |               |         |                 |         |                |     |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |      |                |         |                         |         |                           |         |                                                |         |                                       |        |                                         |        |                   |         |



## Certification Summary Information Report

| Test Group                                               | VVGAT04.0LTA                              | Evaporative/Refueling Family                  | VVGAR0176LCS                         |
|----------------------------------------------------------|-------------------------------------------|-----------------------------------------------|--------------------------------------|
| <b>Test #</b>                                            | <b>VVGA10094521</b>                       | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |
| <b>Exhaust Test # for this Evap Test</b>                 | --                                        | <b>Test Fuel Type</b>                         | 61 - Tier 2 Cert Gasoline            |
| <b>Test Date</b>                                         | 04/30/2026                                | <b>Fuel</b>                                   | N/A                                  |
| <b>Fuel Batch ID</b>                                     | LB0025                                    | <b>Fuel Calibration Number</b>                | 1                                    |
| <b>Vehicle Class</b>                                     | N/A                                       | <b>DF Type</b>                                | EPA Assigned                         |
| <b>Verify Test Lab ID</b>                                | Automobili Lamborghini S.p.A.             |                                               |                                      |
| <b>E10 Evaporative Test Measurement Method</b>           | --                                        |                                               |                                      |
| <b>Test Start Odometer Reading</b>                       | 5113                                      | <b>Odometer Units</b>                         | M                                    |
| <b>4WD Test Dyno</b>                                     | Yes                                       | <b>Diesel Adjustment Factor Usage</b>         | --                                   |
| <b>State of Charge Delta</b>                             | Yes                                       |                                               |                                      |
| <b>Drive Cycle Speed Tolerance Criteria</b>              | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | <b>Road Speed Fan Usage</b>                   | Yes                                  |
| <b>PHEV/EV Charge Depleting Test Information</b>         |                                           |                                               |                                      |
| <b>Recharge Event Voltage</b>                            | 240                                       | <b>Recharge Event Energy (kiloWatt-hours)</b> | 24.401                               |
| <b>Charge Depleting Range (Calculated miles)</b>         | 50.268                                    | <b>Charge Depleting Range (Actual miles)</b>  | 49.854                               |
| <b>Charge Depleting Range Highway (Calculated miles)</b> | --                                        | <b>Derived 5-Cycle Coefficient Model Year</b> | 2017                                 |
| <b>All Electric Range Unadjusted (miles)</b>             | 49.854                                    | <b>Equivalent All Electric Range (miles)</b>  | 50.268                               |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>  | 7                                         | <b>Transition Bag/Phase Number</b>            | 5                                    |
| <b>Charge Depleting Bag/Phase #1</b>                     |                                           |                                               |                                      |

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Evaporative/Refueling Family | VVGAR0176LCS          |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------------------|--------|------------------------|--------|---------------|---|-----------------|---|----------------|---|----------------------------------|---|------------------------------------------|---------|-----------------------------------|---------|---------------------------------------|---------|----------------------|--------|---------------------------|---|----------------|---|-------------------------|---|---------------------------|---|------------------------------------------------|---------|---------------------------------------|--------|-----------------------------------------|------|-------------------|---|--|
|                               | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.269</td></tr><tr><td>Average System Voltage</td><td>403.73</td></tr><tr><td>CH4 - Methane</td><td>0</td></tr><tr><td>Carbon Monoxide</td><td>0</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-1.7215</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.6442</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-2.2288</td></tr><tr><td>Integrated Amp-hours</td><td>11.427</td></tr><tr><td>Manufacturer Fuel Economy</td><td>0</td></tr><tr><td>Nitrogen Oxide</td><td>0</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0</td></tr><tr><td>Non-methane organic gases</td><td>0</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>21.383</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>25.9</td></tr><tr><td>Total Hydrocarbon</td><td>0</td></tr></table> | Test Result/Emission Name    | Unrounded Test Result | Actual Distance Driven (miles) | 10.269 | Average System Voltage | 403.73 | CH4 - Methane | 0 | Carbon Monoxide | 0 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -1.7215 | Drive Trace Energy Economy Rating | -0.6442 | Drive Trace Inertia Work Ratio Rating | -2.2288 | Integrated Amp-hours | 11.427 | Manufacturer Fuel Economy | 0 | Nitrogen Oxide | 0 | Non-methane Hydrocarbon | 0 | Non-methane organic gases | 0 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 21.383 | System Start State of Charge Watt-hours | 25.9 | Total Hydrocarbon | 0 |  |
|                               | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unrounded Test Result        |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Actual Distance Driven (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10.269                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Average System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 403.73                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | CH4 - Methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Carbon Monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -1.7215                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -0.6442                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -2.2288                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Integrated Amp-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11.427                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Nitrogen Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Non-methane Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Non-methane organic gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Non-methane organic gases plus Nitrogen Oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 999.999                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | System End State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 21.383                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | System Start State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25.9                         |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
|                               | Total Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |
| Charge Depleting Bag/Phase #2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |      |                   |   |  |

## Charge Depleting Bag/Phase #2

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Evaporative/Refueling Family | VVGAR0176LCS          |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------------------|--------|------------------------|--------|---------------|---|-----------------|---|----------------|---|----------------------------------|---|------------------------------------------|---------|-----------------------------------|---------|---------------------------------------|---------|----------------------|--------|---------------------------|---|----------------|---|-------------------------|---|---------------------------|---|------------------------------------------------|---------|---------------------------------------|--------|-----------------------------------------|--------|-------------------|---|--|
|                               | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.259</td></tr><tr><td>Average System Voltage</td><td>388.95</td></tr><tr><td>CH4 - Methane</td><td>0</td></tr><tr><td>Carbon Monoxide</td><td>0</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-3.0134</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.1788</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-3.3693</td></tr><tr><td>Integrated Amp-hours</td><td>22.551</td></tr><tr><td>Manufacturer Fuel Economy</td><td>0</td></tr><tr><td>Nitrogen Oxide</td><td>0</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0</td></tr><tr><td>Non-methane organic gases</td><td>0</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>17.212</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>21.383</td></tr><tr><td>Total Hydrocarbon</td><td>0</td></tr></table> | Test Result/Emission Name    | Unrounded Test Result | Actual Distance Driven (miles) | 10.259 | Average System Voltage | 388.95 | CH4 - Methane | 0 | Carbon Monoxide | 0 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -3.0134 | Drive Trace Energy Economy Rating | -1.1788 | Drive Trace Inertia Work Ratio Rating | -3.3693 | Integrated Amp-hours | 22.551 | Manufacturer Fuel Economy | 0 | Nitrogen Oxide | 0 | Non-methane Hydrocarbon | 0 | Non-methane organic gases | 0 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 17.212 | System Start State of Charge Watt-hours | 21.383 | Total Hydrocarbon | 0 |  |
|                               | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unrounded Test Result        |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Actual Distance Driven (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10.259                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Average System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 388.95                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | CH4 - Methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon Monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -3.0134                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -1.1788                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -3.3693                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Integrated Amp-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 22.551                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Nitrogen Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane organic gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane organic gases plus Nitrogen Oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 999.999                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | System End State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17.212                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | System Start State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 21.383                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Total Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
| Charge Depleting Bag/Phase #3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |

Charge Depleting Bag/Phase #3

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Evaporative/Refueling Family | VVGAR0176LCS          |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------------------|--------|------------------------|--------|---------------|---|-----------------|---|----------------|---|----------------------------------|---|------------------------------------------|--------|-----------------------------------|---------|---------------------------------------|---------|----------------------|--------|---------------------------|---|----------------|---|-------------------------|---|---------------------------|---|------------------------------------------------|---------|---------------------------------------|--------|-----------------------------------------|--------|-------------------|---|--|
|                               | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.248</td></tr><tr><td>Average System Voltage</td><td>375.56</td></tr><tr><td>CH4 - Methane</td><td>0</td></tr><tr><td>Carbon Monoxide</td><td>0</td></tr><tr><td>Carbon dioxide</td><td>0</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-1.526</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.0356</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-2.0941</td></tr><tr><td>Integrated Amp-hours</td><td>34.096</td></tr><tr><td>Manufacturer Fuel Economy</td><td>0</td></tr><tr><td>Nitrogen Oxide</td><td>0</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0</td></tr><tr><td>Non-methane organic gases</td><td>0</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>13.035</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>17.212</td></tr><tr><td>Total Hydrocarbon</td><td>0</td></tr></table> | Test Result/Emission Name    | Unrounded Test Result | Actual Distance Driven (miles) | 10.248 | Average System Voltage | 375.56 | CH4 - Methane | 0 | Carbon Monoxide | 0 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -1.526 | Drive Trace Energy Economy Rating | -1.0356 | Drive Trace Inertia Work Ratio Rating | -2.0941 | Integrated Amp-hours | 34.096 | Manufacturer Fuel Economy | 0 | Nitrogen Oxide | 0 | Non-methane Hydrocarbon | 0 | Non-methane organic gases | 0 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 13.035 | System Start State of Charge Watt-hours | 17.212 | Total Hydrocarbon | 0 |  |
|                               | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unrounded Test Result        |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Actual Distance Driven (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10.248                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Average System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 375.56                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | CH4 - Methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon Monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -1.526                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -1.0356                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -2.0941                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Integrated Amp-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 34.096                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Nitrogen Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane organic gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Non-methane organic gases plus Nitrogen Oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 999.999                      |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | System End State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 13.035                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | System Start State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 17.212                       |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
|                               | Total Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                            |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |
| Charge Depleting Bag/Phase #4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |                       |                                |        |                        |        |               |   |                 |   |                |   |                                  |   |                                          |        |                                   |         |                                       |         |                      |        |                           |   |                |   |                         |   |                           |   |                                                |         |                                       |        |                                         |        |                   |   |  |

## Charge Depleting Bag/Phase #4

## Certification Summary Information Report

| Test Group | VVGAT04.0LTA                                   | Evaporative/Refueling Family | VVGAR0176LCS |
|------------|------------------------------------------------|------------------------------|--------------|
|            | <b>Test Result/Emission Name</b>               | <b>Unrounded Test Result</b> |              |
|            | Actual Distance Driven (miles)                 | 10.242                       |              |
|            | Average System Voltage                         | 361.79                       |              |
|            | CH4 - Methane                                  | 0                            |              |
|            | Carbon Monoxide                                | 0                            |              |
|            | Carbon dioxide                                 | 0                            |              |
|            | Carbon-Related Exhaust Emissions               | 0                            |              |
|            | Drive Trace Absolute Speed Change Rating       | -1.526                       |              |
|            | Drive Trace Energy Economy Rating              | -1.127                       |              |
|            | Drive Trace Inertia Work Ratio Rating          | -2.2639                      |              |
|            | Integrated Amp-hours                           | 45.826                       |              |
|            | Manufacturer Fuel Economy                      | 0                            |              |
|            | Nitrogen Oxide                                 | 0                            |              |
|            | Non-methane Hydrocarbon                        | 0                            |              |
|            | Non-methane organic gases                      | 0                            |              |
|            | Non-methane organic gases plus Nitrogen Oxides | 999.999                      |              |
|            | System End State of Charge Watt-hours          | 8.969                        |              |
|            | System Start State of Charge Watt-hours        | 13.035                       |              |
|            | Total Hydrocarbon                              | 0                            |              |
|            | <b>Charge Depleting Bag/Phase #5</b>           |                              |              |

Charge Depleting Bag/Phase #5

## Certification Summary Information Report

| Test Group                    | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Evaporative/Refueling Family | VVGAR0176LCS          |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------------------|--------|------------------------|-------|---------------|---------|-----------------|---------|----------------|-------|----------------------------------|----|------------------------------------------|---------|-----------------------------------|---------|---------------------------------------|---------|----------------------|--------|---------------------------|---|----------------|---------|-------------------------|---------|---------------------------|---------|------------------------------------------------|---------|---------------------------------------|-------|-----------------------------------------|-------|-------------------|---------|--|
|                               | <table><thead><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr></thead><tbody><tr><td>Actual Distance Driven (miles)</td><td>10.255</td></tr><tr><td>Average System Voltage</td><td>351.6</td></tr><tr><td>CH4 - Methane</td><td>0.00237</td></tr><tr><td>Carbon Monoxide</td><td>0.16383</td></tr><tr><td>Carbon dioxide</td><td>75.37</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>75</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-4.4602</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.4683</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-5.4077</td></tr><tr><td>Integrated Amp-hours</td><td>56.404</td></tr><tr><td>Manufacturer Fuel Economy</td><td>0</td></tr><tr><td>Nitrogen Oxide</td><td>0.00226</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0.02694</td></tr><tr><td>Non-methane organic gases</td><td>0.02775</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>5.441</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>8.969</td></tr><tr><td>Total Hydrocarbon</td><td>0.02918</td></tr></tbody></table> | Test Result/Emission Name    | Unrounded Test Result | Actual Distance Driven (miles) | 10.255 | Average System Voltage | 351.6 | CH4 - Methane | 0.00237 | Carbon Monoxide | 0.16383 | Carbon dioxide | 75.37 | Carbon-Related Exhaust Emissions | 75 | Drive Trace Absolute Speed Change Rating | -4.4602 | Drive Trace Energy Economy Rating | -0.4683 | Drive Trace Inertia Work Ratio Rating | -5.4077 | Integrated Amp-hours | 56.404 | Manufacturer Fuel Economy | 0 | Nitrogen Oxide | 0.00226 | Non-methane Hydrocarbon | 0.02694 | Non-methane organic gases | 0.02775 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 5.441 | System Start State of Charge Watt-hours | 8.969 | Total Hydrocarbon | 0.02918 |  |
|                               | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unrounded Test Result        |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Actual Distance Driven (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10.255                       |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Average System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 351.6                        |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | CH4 - Methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.00237                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Carbon Monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.16383                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 75.37                        |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 75                           |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -4.4602                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -0.4683                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -5.4077                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Integrated Amp-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 56.404                       |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0                            |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Nitrogen Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.00226                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Non-methane Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.02694                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Non-methane organic gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.02775                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Non-methane organic gases plus Nitrogen Oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 999.999                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | System End State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5.441                        |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | System Start State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8.969                        |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|                               | Total Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.02918                      |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
| Charge Depleting Bag/Phase #6 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |                       |                                |        |                        |       |               |         |                 |         |                |       |                                  |    |                                          |         |                                   |         |                                       |         |                      |        |                           |   |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |

## Charge Depleting Bag/Phase #6

## Certification Summary Information Report

| Test Group                                     | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evaporative/Refueling Family | VVGAR0176LCS |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
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|                                                | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.254</td></tr><tr><td>Average System Voltage</td><td>358.79</td></tr><tr><td>CH4 - Methane</td><td>0.00072</td></tr><tr><td>Carbon Monoxide</td><td>0.22492</td></tr><tr><td>Carbon dioxide</td><td>357.11</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>357</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-4.9269</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.8628</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-6.8507</td></tr><tr><td>Integrated Amp-hours</td><td>54.813</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.97</td></tr><tr><td>Nitrogen Oxide</td><td>0.00063</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0</td></tr><tr><td>Non-methane organic gases</td><td>0</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>6.209</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>5.441</td></tr><tr><td>Total Hydrocarbon</td><td>0.00036</td></tr></table> |                              |              | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.254 | Average System Voltage | 358.79 | CH4 - Methane | 0.00072 | Carbon Monoxide | 0.22492 | Carbon dioxide | 357.11 | Carbon-Related Exhaust Emissions | 357 | Drive Trace Absolute Speed Change Rating | -4.9269 | Drive Trace Energy Economy Rating | -0.8628 | Drive Trace Inertia Work Ratio Rating | -6.8507 | Integrated Amp-hours | 54.813 | Manufacturer Fuel Economy | 24.97 | Nitrogen Oxide | 0.00063 | Non-methane Hydrocarbon | 0 | Non-methane organic gases | 0 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 6.209 | System Start State of Charge Watt-hours | 5.441 | Total Hydrocarbon | 0.00036 |
| Test Result/Emission Name                      | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Actual Distance Driven (miles)                 | 10.254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Average System Voltage                         | 358.79                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| CH4 - Methane                                  | 0.00072                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Carbon Monoxide                                | 0.22492                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Carbon dioxide                                 | 357.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Carbon-Related Exhaust Emissions               | 357                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Drive Trace Absolute Speed Change Rating       | -4.9269                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Drive Trace Energy Economy Rating              | -0.8628                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Drive Trace Inertia Work Ratio Rating          | -6.8507                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Integrated Amp-hours                           | 54.813                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Manufacturer Fuel Economy                      | 24.97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Nitrogen Oxide                                 | 0.00063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Non-methane Hydrocarbon                        | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Non-methane organic gases                      | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Non-methane organic gases plus Nitrogen Oxides | 999.999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| System End State of Charge Watt-hours          | 6.209                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| System Start State of Charge Watt-hours        | 5.441                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Total Hydrocarbon                              | 0.00036                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |
| Charge Depleting Bag/Phase #7                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              |              |                           |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |         |                      |        |                           |       |                |         |                         |   |                           |   |                                                |         |                                       |       |                                         |       |                   |         |

Charge Depleting Bag/Phase #7

## Certification Summary Information Report

| Test Group | VVGAT04.0LTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Evaporative/Refueling Family | VVGAR0176LCS          |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------------------|--------|------------------------|--------|---------------|---------|-----------------|---------|----------------|--------|----------------------------------|-----|------------------------------------------|---------|-----------------------------------|---------|---------------------------------------|----------|----------------------|--------|---------------------------|-------|----------------|---------|-------------------------|---------|---------------------------|---------|------------------------------------------------|---------|---------------------------------------|-------|-----------------------------------------|-------|-------------------|---------|--|
|            | <table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.216</td></tr><tr><td>Average System Voltage</td><td>357.74</td></tr><tr><td>CH4 - Methane</td><td>0.00403</td></tr><tr><td>Carbon Monoxide</td><td>0.43976</td></tr><tr><td>Carbon dioxide</td><td>318.63</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>319</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-8.3963</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.9627</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-10.8731</td></tr><tr><td>Integrated Amp-hours</td><td>54.736</td></tr><tr><td>Manufacturer Fuel Economy</td><td>27.95</td></tr><tr><td>Nitrogen Oxide</td><td>0.00006</td></tr><tr><td>Non-methane Hydrocarbon</td><td>0.00263</td></tr><tr><td>Non-methane organic gases</td><td>0.00271</td></tr><tr><td>Non-methane organic gases plus Nitrogen Oxides</td><td>999.999</td></tr><tr><td>System End State of Charge Watt-hours</td><td>6.423</td></tr><tr><td>System Start State of Charge Watt-hours</td><td>6.209</td></tr><tr><td>Total Hydrocarbon</td><td>0.00645</td></tr></table> | Test Result/Emission Name    | Unrounded Test Result | Actual Distance Driven (miles) | 10.216 | Average System Voltage | 357.74 | CH4 - Methane | 0.00403 | Carbon Monoxide | 0.43976 | Carbon dioxide | 318.63 | Carbon-Related Exhaust Emissions | 319 | Drive Trace Absolute Speed Change Rating | -8.3963 | Drive Trace Energy Economy Rating | -0.9627 | Drive Trace Inertia Work Ratio Rating | -10.8731 | Integrated Amp-hours | 54.736 | Manufacturer Fuel Economy | 27.95 | Nitrogen Oxide | 0.00006 | Non-methane Hydrocarbon | 0.00263 | Non-methane organic gases | 0.00271 | Non-methane organic gases plus Nitrogen Oxides | 999.999 | System End State of Charge Watt-hours | 6.423 | System Start State of Charge Watt-hours | 6.209 | Total Hydrocarbon | 0.00645 |  |
|            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unrounded Test Result        |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Actual Distance Driven (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10.216                       |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Average System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 357.74                       |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | CH4 - Methane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.00403                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Carbon Monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.43976                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 318.63                       |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 319                          |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -8.3963                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -0.9627                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -10.8731                     |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Integrated Amp-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 54.736                       |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 27.95                        |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Nitrogen Oxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.00006                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Non-methane Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.00263                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Non-methane organic gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.00271                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Non-methane organic gases plus Nitrogen Oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 999.999                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | System End State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6.423                        |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | System Start State of Charge Watt-hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6.209                        |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            | Total Hydrocarbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.00645                      |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |
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|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                       |                                |        |                        |        |               |         |                 |         |                |        |                                  |     |                                          |         |                                   |         |                                       |          |                      |        |                           |       |                |         |                         |         |                           |         |                                                |         |                                       |       |                                         |       |                   |         |  |



## Certification Summary Information Report

| Test Group                                                                | VVGAT04.0LTA                                       | Evaporative/Refueling Family                                              | VVGAR0176LCS |
|---------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------|--------------|
| <b>Fuel Properties</b>                                                    |                                                    |                                                                           |              |
| <b>Fuel Batch ID</b>                                                      | <b>LB0022</b>                                      | <b>Fuel Calibration Number</b>                                            | <b>1</b>     |
| <b>Test Fuel Type</b>                                                     | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) | <b>Fuel Batch Calibration Date</b>                                        | 06/19/2025   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 06/24/2025                                         | <b>Fuel Batch Calibration Ineffective Date</b>                            | --           |
| <b>Carbon Weight Fraction NMHC</b>                                        | --                                                 | <b>Carbon Weight Fraction HC</b>                                          | --           |
| <b>Exhaust Carbon Weight Fraction</b>                                     | --                                                 | <b>Fuel Methanol Volume Fraction</b>                                      | --           |
| <b>Fuel Density (grams/cubic ft)</b>                                      | --                                                 | <b>Fuel Specific Gravity</b>                                              | 0.754        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | 9.6                                                | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | --           |
| <b>Fuel Net Heat of Combustion (E10) (MJ/kg)</b>                          | 41.461                                             | <b>Fuel Carbon Mass Fraction (E10)</b>                                    | 0.829        |
| <b>Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)</b> | --                                                 | <b>Weight Fraction CO2</b>                                                | --           |
| <b>Fuel Batch ID</b>                                                      | <b>LB0024</b>                                      | <b>Fuel Calibration Number</b>                                            | <b>1</b>     |
| <b>Test Fuel Type</b>                                                     | 29 - Cold CO E10 Premium Gasoline (Tier 3)         | <b>Fuel Batch Calibration Date</b>                                        | 04/23/2025   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 04/25/2025                                         | <b>Fuel Batch Calibration Ineffective Date</b>                            | --           |
| <b>Carbon Weight Fraction NMHC</b>                                        | --                                                 | <b>Carbon Weight Fraction HC</b>                                          | --           |
| <b>Exhaust Carbon Weight Fraction</b>                                     | --                                                 | <b>Fuel Methanol Volume Fraction</b>                                      | --           |
| <b>Fuel Density (grams/cubic ft)</b>                                      | --                                                 | <b>Fuel Specific Gravity</b>                                              | 0.748        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | 9.7                                                | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | --           |
| <b>Fuel Net Heat of Combustion (E10) (MJ/kg)</b>                          | 41.5                                               | <b>Fuel Carbon Mass Fraction (E10)</b>                                    | 0.826        |
| <b>Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)</b> | --                                                 | <b>Weight Fraction CO2</b>                                                | --           |
| <b>Fuel Batch ID</b>                                                      | <b>LB0025</b>                                      | <b>Fuel Calibration Number</b>                                            | <b>1</b>     |
| <b>Test Fuel Type</b>                                                     | 61 - Tier 2 Cert Gasoline                          | <b>Fuel Batch Calibration Date</b>                                        | 08/15/2025   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 01/13/2026                                         | <b>Fuel Batch Calibration Ineffective Date</b>                            | --           |
| <b>Carbon Weight Fraction NMHC</b>                                        | --                                                 | <b>Carbon Weight Fraction HC</b>                                          | --           |
| <b>Exhaust Carbon Weight Fraction</b>                                     | --                                                 | <b>Fuel Methanol Volume Fraction</b>                                      | --           |
| <b>Fuel Density (grams/cubic ft)</b>                                      | --                                                 | <b>Fuel Specific Gravity</b>                                              | 0.744        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | --                                                 | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | 18421        |
| <b>Fuel Net Heat of Combustion (E10) (MJ/kg)</b>                          | --                                                 | <b>Fuel Carbon Mass Fraction (E10)</b>                                    | --           |
| <b>Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)</b> | 0.867                                              | <b>Weight Fraction CO2</b>                                                | --           |
| <b>Fuel Batch ID</b>                                                      | <b>IG0060</b>                                      | <b>Fuel Calibration Number</b>                                            | <b>1</b>     |
| <b>Test Fuel Type</b>                                                     | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) | <b>Fuel Batch Calibration Date</b>                                        | 03/13/2026   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 03/23/2026                                         | <b>Fuel Batch Calibration Ineffective Date</b>                            | --           |
| <b>Carbon Weight Fraction NMHC</b>                                        | --                                                 | <b>Carbon Weight Fraction HC</b>                                          | --           |

## Certification Summary Information Report

| Test Group                                                         | VVGAT04.0LTA                                       | Evaporative/Refueling Family                                       | VVGAR0176LCS |
|--------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------|--------------|
| Exhaust Carbon Weight Fraction                                     | --                                                 | Fuel Methanol Volume Fraction                                      | --           |
| Fuel Density (grams/cubic ft)                                      | --                                                 | Fuel Specific Gravity                                              | 0.755        |
| Fuel Ethanol Volume Percent (%)                                    | 9.7                                                | Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb) | --           |
| Fuel Net Heat of Combustion (E10) (MJ/kg)                          | 41.43                                              | Fuel Carbon Mass Fraction (E10)                                    | 0.828        |
| Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0) | --                                                 | Weight Fraction CO2                                                | --           |
| Fuel Batch ID                                                      | W22                                                | Fuel Calibration Number                                            | 24           |
| Test Fuel Type                                                     | 49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.) | Fuel Batch Calibration Date                                        | 01/19/2023   |
| Fuel Batch Calibration Effective Date                              | 01/19/2023                                         | Fuel Batch Calibration Ineffective Date                            | 01/31/2028   |
| Carbon Weight Fraction NMHC                                        | --                                                 | Carbon Weight Fraction HC                                          | --           |
| Exhaust Carbon Weight Fraction                                     | --                                                 | Fuel Methanol Volume Fraction                                      | --           |
| Fuel Density (grams/cubic ft)                                      | --                                                 | Fuel Specific Gravity                                              | 0.741        |
| Fuel Ethanol Volume Percent (%)                                    | 10.1                                               | Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb) | 17962        |
| Fuel Net Heat of Combustion (E10) (MJ/kg)                          | --                                                 | Fuel Carbon Mass Fraction (E10)                                    | --           |
| Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0) | 0.834                                              | Weight Fraction CO2                                                | --           |

## Certification Summary Information Report

| Test Group                     |               | VVGAT04.0LTA                               |     |             | Evaporative/Refueling Family    |                                   |         | VVGAR0176LCS              |        |
|--------------------------------|---------------|--------------------------------------------|-----|-------------|---------------------------------|-----------------------------------|---------|---------------------------|--------|
| Consolidated List of Standards |               |                                            |     |             |                                 |                                   |         |                           |        |
| Exhaust Standards              |               |                                            |     |             |                                 |                                   |         |                           |        |
| Cert Region                    |               | California + CAA Section 177 states        |     |             | Cert/In-Use Code                |                                   |         | Both                      |        |
| Vehicle Class                  |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   |         | California LEV-III ULEV70 |        |
| Fuel                           |               | Gasoline                                   |     |             | Test Procedure                  |                                   |         | HWFE                      |        |
| Useful Life                    | Emission Name | Rounded Result                             | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                    | Std    |
| 150,000 miles                  | NMOG          | --                                         | --  | 1.03        | --                              | --                                | --      | 0.0098                    | 99.999 |
| 150,000 miles                  | NMOG+NOX      | --                                         | --  | --          | --                              | --                                | 1       | --                        | 0.070  |
| 150,000 miles                  | NOX           | --                                         | --  | --          | --                              | --                                | --      | 0.007                     | 99.999 |
|                                |               |                                            |     |             |                                 |                                   |         |                           |        |
| Cert Region                    |               | California + CAA Section 177 states        |     |             | Cert/In-Use Code                |                                   |         | Both                      |        |
| Vehicle Class                  |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   |         | California LEV-III ULEV70 |        |
| Fuel                           |               | Gasoline                                   |     |             | Test Procedure                  |                                   |         | SC03                      |        |
| Useful Life                    | Emission Name | Rounded Result                             | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                    | Std    |
| 150,000 miles                  | CO            | --                                         | --  | --          | --                              | --                                | --      | 0.24                      | 99.999 |
| 150,000 miles                  | NMOG          | --                                         | --  | 1.03        | --                              | --                                | --      | 0.0098                    | 99.999 |
| 150,000 miles                  | NOX           | --                                         | --  | --          | --                              | --                                | --      | 0.007                     | 99.999 |
|                                |               |                                            |     |             |                                 |                                   |         |                           |        |
| Cert Region                    |               | Federal                                    |     |             | Cert/In-Use Code                |                                   |         | Both                      |        |
| Vehicle Class                  |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   |         | Federal Tier 4 Bin 70     |        |
| Fuel                           |               | Gasoline                                   |     |             | Test Procedure                  |                                   |         | US06                      |        |
| Useful Life                    | Emission Name | Rounded Result                             | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                    | Std    |
| 150,000 miles                  | CO            | --                                         | --  | --          | --                              | --                                | --      | 0.24                      | 99.999 |
| 150,000 miles                  | NMOG          | --                                         | --  | 1.03        | --                              | --                                | --      | 0.0098                    | 99.999 |
| 150,000 miles                  | NOX           | --                                         | --  | --          | --                              | --                                | --      | 0.007                     | 99.999 |
| 150,000 miles                  | PM            | --                                         | --  | --          | --                              | --                                | --      | 0                         | 0.006  |
|                                |               |                                            |     |             |                                 |                                   |         |                           |        |

## Certification Summary Information Report

|                      |                      |                                            |            |                    |                                        |                                          |                |                                         |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|-----------------------------------------|------------|
| <b>Test Group</b>    |                      | VVGAT04.0LTA                               |            |                    | <b>Evaporative/Refueling Family</b>    |                                          |                | VVGAR0176LCS                            |            |
| <b>Cert Region</b>   |                      | California + CAA Section 177 states        |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Both                                    |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | California LEV-III ULEV70               |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | Federal fuel 2-day exhaust (w/can load) |            |
| <b>Useful Life</b>   | <b>Emission Name</b> | <b>Rounded Result</b>                      | <b>RAF</b> | <b>NMOG / NMHC</b> | <b>Upward Diesel Adjustment Factor</b> | <b>Downward Diesel Adjustment Factor</b> | <b>Mult DF</b> | <b>Add DF</b>                           | <b>Std</b> |
| 150,000 miles        | CO                   | --                                         | --         | --                 | --                                     | --                                       | --             | 0.24                                    | 1.7        |
| 150,000 miles        | CO-COMP              | --                                         | --         | --                 | --                                     | --                                       | --             | --                                      | 4.2        |
| 150,000 miles        | NMOG                 | --                                         | --         | 1.0984             | --                                     | --                                       | --             | 0.0098                                  | 99.999     |
| 150,000 miles        | NMOG+NOX             | --                                         | --         | --                 | --                                     | --                                       | 1              | --                                      | 0.070      |
| 150,000 miles        | NMOG+NOX-COMP        | --                                         | --         | --                 | --                                     | --                                       | --             | --                                      | 0.090      |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | --             | 0.007                                   | 99.999     |
| 150,000 miles        | PM                   | --                                         | --         | --                 | --                                     | --                                       | --             | 0                                       | 0.003      |

|                      |                      |                                            |            |                    |                                        |                                          |                |                           |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|---------------------------|------------|
| <b>Cert Region</b>   |                      | California + CAA Section 177 states        |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Both                      |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | California LEV-III ULEV70 |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | Fed. fuel 50 F exh.       |            |
| <b>Useful Life</b>   | <b>Emission Name</b> | <b>Rounded Result</b>                      | <b>RAF</b> | <b>NMOG / NMHC</b> | <b>Upward Diesel Adjustment Factor</b> | <b>Downward Diesel Adjustment Factor</b> | <b>Mult DF</b> | <b>Add DF</b>             | <b>Std</b> |
| 4,000 miles          | CO                   | --                                         | --         | --                 | --                                     | --                                       | --             | --                        | 1.7        |
| 4,000 miles          | NMOG                 | --                                         | --         | 1.0984             | --                                     | --                                       | --             | --                        | 99.999     |
| 4,000 miles          | NMOG+NOX             | --                                         | --         | --                 | --                                     | --                                       | 1              | --                        | 0.140      |
| 4,000 miles          | NOX                  | --                                         | --         | --                 | --                                     | --                                       | --             | --                        | 99.999     |

|                      |                      |                                            |            |                    |                                        |                                          |                |                       |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|-----------------------|------------|
| <b>Cert Region</b>   |                      | Federal                                    |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Both                  |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Federal Tier 4 Bin 70 |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | HWFE                  |            |
| <b>Useful Life</b>   | <b>Emission Name</b> | <b>Rounded Result</b>                      | <b>RAF</b> | <b>NMOG / NMHC</b> | <b>Upward Diesel Adjustment Factor</b> | <b>Downward Diesel Adjustment Factor</b> | <b>Mult DF</b> | <b>Add DF</b>         | <b>Std</b> |
| 120,000 miles        | CREE                 | --                                         | --         | --                 | --                                     | --                                       | --             | 0.64                  | 999        |
| 150,000 miles        | NMOG                 | --                                         | --         | 1.03               | --                                     | --                                       | --             | 0.0098                | 99.999     |
| 150,000 miles        | NMOG+NOX             | --                                         | --         | --                 | --                                     | --                                       | 1              | --                    | 0.070      |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | --             | 0.007                 | 99.999     |

## Certification Summary Information Report

| Test Group    |               | VVGAT04.0LTA                               |     |             | Evaporative/Refueling Family    |                                   |         | VVGAR0176LCS              |        |  |
|---------------|---------------|--------------------------------------------|-----|-------------|---------------------------------|-----------------------------------|---------|---------------------------|--------|--|
|               |               |                                            |     |             |                                 |                                   |         |                           |        |  |
| Cert Region   |               | California + CAA Section 177 states        |     |             | Cert/In-Use Code                |                                   |         | Both                      |        |  |
| Vehicle Class |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   |         | California LEV-III ULEV70 |        |  |
| Fuel          |               | Gasoline                                   |     |             | Test Procedure                  |                                   |         | US06                      |        |  |
|               |               |                                            |     |             |                                 |                                   |         |                           |        |  |
| Useful Life   | Emission Name | Rounded Result                             | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                    | Std    |  |
| 150,000 miles | CO            | --                                         | --  | --          | --                              | --                                | --      | 0.24                      | 99.999 |  |
| 150,000 miles | NMOG          | --                                         | --  | 1.03        | --                              | --                                | --      | 0.0098                    | 99.999 |  |
| 150,000 miles | NOX           | --                                         | --  | --          | --                              | --                                | --      | 0.007                     | 99.999 |  |
| 150,000 miles | PM            | --                                         | --  | --          | --                              | --                                | --      | 0                         | 0.006  |  |
|               |               |                                            |     |             |                                 |                                   |         |                           |        |  |
| Cert Region   |               | Federal                                    |     |             | Cert/In-Use Code                |                                   |         | Both                      |        |  |
| Vehicle Class |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   |         | Federal Tier 4 Bin 70     |        |  |
| Fuel          |               | Gasoline                                   |     |             | Test Procedure                  |                                   |         | Cold CO                   |        |  |
|               |               |                                            |     |             |                                 |                                   |         |                           |        |  |
| Useful Life   | Emission Name | Rounded Result                             | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                    | Std    |  |
| 50,000 miles  | CO            | --                                         | --  | --          | --                              | --                                | --      | 0.24                      | 10.0   |  |
| 120,000 miles | HC-NM         | --                                         | --  | --          | --                              | --                                | --      | 0.0098                    | 0.5    |  |
|               |               |                                            |     |             |                                 |                                   |         |                           |        |  |
| Cert Region   |               | Federal                                    |     |             | Cert/In-Use Code                |                                   |         | Both                      |        |  |
| Vehicle Class |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   |         | Federal Tier 4 Bin 70     |        |  |
| Fuel          |               | Gasoline                                   |     |             | Test Procedure                  |                                   |         | SC03                      |        |  |
|               |               |                                            |     |             |                                 |                                   |         |                           |        |  |
| Useful Life   | Emission Name | Rounded Result                             | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                    | Std    |  |
| 150,000 miles | CO            | --                                         | --  | --          | --                              | --                                | --      | 0.24                      | 99.999 |  |
| 150,000 miles | NMOG          | --                                         | --  | 1.03        | --                              | --                                | --      | 0.0098                    | 99.999 |  |
| 150,000 miles | NOX           | --                                         | --  | --          | --                              | --                                | --      | 0.007                     | 99.999 |  |
|               |               |                                            |     |             |                                 |                                   |         |                           |        |  |

## Certification Summary Information Report

|                      |                      |                                            |            |                    |                                        |                                          |                |                                         |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|-----------------------------------------|------------|
| <b>Test Group</b>    |                      | VVGAT04.0LTA                               |            |                    | <b>Evaporative/Refueling Family</b>    |                                          |                | VVGAR0176LCS                            |            |
| <b>Cert Region</b>   |                      | Federal                                    |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Both                                    |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Federal Tier 4 Bin 70                   |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | Federal fuel 2-day exhaust (w/can load) |            |
| <b>Useful Life</b>   | <b>Emission Name</b> | <b>Rounded Result</b>                      | <b>RAF</b> | <b>NMOG / NMHC</b> | <b>Upward Diesel Adjustment Factor</b> | <b>Downward Diesel Adjustment Factor</b> | <b>Mult DF</b> | <b>Add DF</b>                           | <b>Std</b> |
| 120,000 miles        | CREE                 | --                                         | --         | --                 | --                                     | --                                       | --             | 0.64                                    | 999        |
| 120,000 miles        | METHANE              | --                                         | --         | --                 | --                                     | --                                       | --             | 0.0027                                  | 0.030      |
| 120,000 miles        | N2O                  | --                                         | --         | --                 | --                                     | --                                       | --             | 0.0012                                  | 0.010      |
| 150,000 miles        | CO                   | --                                         | --         | --                 | --                                     | --                                       | --             | 0.24                                    | 1.7        |
| 150,000 miles        | CO-COMP              | --                                         | --         | --                 | --                                     | --                                       | --             | --                                      | 4.2        |
| 150,000 miles        | NMOG                 | --                                         | --         | 1.0984             | --                                     | --                                       | --             | 0.0098                                  | 99.999     |
| 150,000 miles        | NMOG+NOX             | --                                         | --         | --                 | --                                     | --                                       | 1              | --                                      | 0.070      |
| 150,000 miles        | NMOG+NOX-COMP        | --                                         | --         | --                 | --                                     | --                                       | --             | --                                      | 0.090      |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | --             | 0.007                                   | 99.999     |
| 150,000 miles        | PM                   | --                                         | --         | --                 | --                                     | --                                       | --             | 0                                       | 0.003      |

|                      |                      |                                            |            |                    |                                        |                                          |                |                           |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|---------------------------|------------|
| <b>Cert Region</b>   |                      | California + CAA Section 177 states        |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Both                      |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | California LEV-III ULEV70 |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | Cold CO                   |            |
| <b>Useful Life</b>   | <b>Emission Name</b> | <b>Rounded Result</b>                      | <b>RAF</b> | <b>NMOG / NMHC</b> | <b>Upward Diesel Adjustment Factor</b> | <b>Downward Diesel Adjustment Factor</b> | <b>Mult DF</b> | <b>Add DF</b>             | <b>Std</b> |
| 50,000 miles         | CO                   | --                                         | --         | --                 | --                                     | --                                       | --             | 0.24                      | 10.0       |

## Evaporative/Refueling Standards

|                                     |                    |                           |                       |                       |            |                     |  |
|-------------------------------------|--------------------|---------------------------|-----------------------|-----------------------|------------|---------------------|--|
| <b>Evaporative/Refueling Family</b> |                    | VVGAR0176LCS              |                       | <b>Cert Region</b>    |            | Federal             |  |
| <b>Cert/In-Use Code</b>             |                    | Both                      |                       | <b>Standard Level</b> |            | Federal Tier 3 Evap |  |
| <b>Test Procedure</b>               |                    | Federal Fuel Running Loss |                       |                       |            |                     |  |
| <b>Fuel</b>                         | <b>Useful Life</b> | <b>Emission Name</b>      | <b>Rounded Result</b> |                       | <b>Std</b> | <b>Add DF</b>       |  |
| Gasoline                            | 150,000 miles      | HC-TOTAL-EQUIV            | --                    |                       | 0.05       | 0                   |  |

## Certification Summary Information Report

|                              |               |                                    |                |                              |        |                                         |  |
|------------------------------|---------------|------------------------------------|----------------|------------------------------|--------|-----------------------------------------|--|
| Test Group                   |               | VVGAT04.0LTA                       |                | Evaporative/Refueling Family |        | VVGAR0176LCS                            |  |
| Evaporative/Refueling Family |               | VVGAR0176LCS                       |                | Cert Region                  |        | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |               | Federal fuel refueling test (ORVR) |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | HC                                 | --             | 0.20                         | 0.005  |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |
| Evaporative/Refueling Family |               | VVGAR0176LCS                       |                | Cert Region                  |        | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |               | 2-day evap                         |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.500                        | 0.003  |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |
| Evaporative/Refueling Family |               | VVGAR0176LCS                       |                | Cert Region                  |        | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |               | Federal Fuel Running Loss          |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.05                         | 0      |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |
| Evaporative/Refueling Family |               | VVGAR0176LCS                       |                | Cert Region                  |        | Federal                                 |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | Federal Tier 3 Evap                     |  |
| Test Procedure               |               | Federal fuel refueling test (ORVR) |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | HC                                 | --             | 0.20                         | 0.005  |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |
| Evaporative/Refueling Family |               | VVGAR0176LCS                       |                | Cert Region                  |        | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |               | Federal fuel 3-day evap            |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.500                        | 0.0067 |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |

## Certification Summary Information Report

|                              |               |                         |                |                              |        |                     |  |
|------------------------------|---------------|-------------------------|----------------|------------------------------|--------|---------------------|--|
| Test Group                   |               | VVGAT04.0LTA            |                | Evaporative/Refueling Family |        | VVGAR0176LCS        |  |
| Evaporative/Refueling Family |               | VVGAR0176LCS            |                | Cert Region                  |        | Federal             |  |
| Cert/In-Use Code             |               | Both                    |                | Standard Level               |        | Federal Tier 3 Evap |  |
| Test Procedure               |               | Federal fuel 3-day evap |                |                              |        |                     |  |
| Fuel                         | Useful Life   | Emission Name           | Rounded Result | Std                          | Add DF |                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV          | --             | 0.500                        | 0.0067 |                     |  |
|                              |               |                         |                |                              |        |                     |  |
| Evaporative/Refueling Family |               | VVGAR0176LCS            |                | Cert Region                  |        | Federal             |  |
| Cert/In-Use Code             |               | Both                    |                | Standard Level               |        | Federal Tier 3 Evap |  |
| Test Procedure               |               | 2-day evap              |                |                              |        |                     |  |
| Fuel                         | Useful Life   | Emission Name           | Rounded Result | Std                          | Add DF |                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV          | --             | 0.500                        | 0.003  |                     |  |



## Certification Summary Information Report

| Test Group           |                                                                 | VVGAT04.0LTA       | Evaporative/Refueling Family                       | VVGAR0176LCS |
|----------------------|-----------------------------------------------------------------|--------------------|----------------------------------------------------|--------------|
| Glossary             |                                                                 |                    |                                                    |              |
| <b>Useful Life</b>   |                                                                 |                    |                                                    |              |
| 4                    | 4,000 miles                                                     | 120                | 120,000 miles                                      |              |
| 50                   | 50,000 miles                                                    | 150                | 150,000 miles                                      |              |
| 100                  | 100,000 miles                                                   |                    |                                                    |              |
| <b>Emission Name</b> |                                                                 |                    |                                                    |              |
| HC-TOTAL             | Total Hydrocarbon                                               | COMB-CREE          | Combined Carbon-Related Exhaust Emissions          |              |
| CO                   | Carbon Monoxide                                                 | COMB-OPT-CREE      | Combined Optional Carbon-Related Exhaust Emissions |              |
| CO2                  | Carbon dioxide                                                  | HC-TOTAL-EQUIV     | Total Hydrocarbon equivalent - Evap only           |              |
| CREE                 | Carbon-Related Exhaust Emissions                                | METHANE-COMB       | Combined CH4 for HD 2b/3 vehicles only             |              |
| OPT-CREE             | Optional Carbon-Related Exhaust Emissions                       | N2O-COMB           | Combined Nitrous Oxide for HD 2b/3 vehicles only   |              |
| NOX                  | Nitrogen Oxide                                                  | LEAK-DIA           | Effective Leak Diameter (inches)                   |              |
| PM                   | Particulate Matter                                              | LEAK-GAS CAP       | Gas Cap Leakage (cc/min)                           |              |
| PM-COMP              | SFTP Composite Particulate Matter                               | CO2-COMB           | Combined Carbon Dioxide for HD 2b/3 Vehicles Only  |              |
| HC-NM                | Non-methane Hydrocarbon                                         | KW-HRS             | Integrated DC KW-HRS                               |              |
| OMHCE                | Organic material Hydrocarbon Equivalent                         | CH4 BAG 1          | Bag 1 Methane                                      |              |
| OMNMHCE              | Organic material non-methane HC equivalent                      | CH4 BAG 2          | Bag 2 Methane                                      |              |
| NMOG                 | Non-methane organic gases                                       | CH4 BAG 3          | Bag 3 Methane                                      |              |
| HCHO                 | Formaldehyde                                                    | CH4 BAG 4          | Bag 4 Methane                                      |              |
| H3C2HO               | Acetaldehyde                                                    | CO BAG 1           | Bag 1 Carbon Monoxide                              |              |
| HC-NM+NOX            | SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03 | CO BAG 2           | Bag 2 Carbon Monoxide                              |              |
| HC-NM+NOX-COMP       | SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides        | CO BAG 3           | Bag 3 Carbon Monoxide                              |              |
| CO-COMP              | SFTP Composite Carbon Monoxide                                  | CO BAG 4           | Bag 4 Carbon Monoxide                              |              |
| ETHANOL              | C2H5OH - Ethanol                                                | NMOG BAG 1         | Bag 1 Non-methane organic gases                    |              |
| FE BAG 1             | Bag 1 Fuel Economy                                              | NMOG BAG 2         | Bag 2 Non-methane organic gases                    |              |
| FE BAG 2             | Bag 2 Fuel Economy                                              | NMOG BAG 3         | Bag 3 Non-methane organic gases                    |              |
| FE BAG 3             | Bag 3 Fuel Economy                                              | NMOG BAG 4         | Bag 4 Non-methane organic gases                    |              |
| FE BAG 4             | Bag 4 Fuel Economy                                              | ACT-DISTANCE BAG 1 | Bag 1 Actual Distance                              |              |
| MFR FE               | Manufacturer Fuel Economy                                       | ACT-DISTANCE BAG 2 | Bag 2 Actual Distance                              |              |
| HC                   | Hydrocarbon for Running Loss and ORVR                           | ACT-DISTANCE BAG 3 | Bag 3 Actual Distance                              |              |
| METHANE              | CH4 - Methane                                                   | ACT-DISTANCE BAG 4 | Bag 4 Actual Distance                              |              |
| METHANOL             | CH3OH - Methanol                                                | HC-TOTAL BAG 1     | Bag 1 Total Hydrocarbon                            |              |
| N2O                  | Nitrous Oxide                                                   | HC-TOTAL BAG 2     | Bag 2 Total Hydrocarbon                            |              |
| SPITBACK             | Spitback Hydrocarbon in grams                                   | HC-TOTAL BAG 3     | Bag 3 Total Hydrocarbon                            |              |
| AMP-HRS              | Integrated Amp-hours                                            | HC-TOTAL BAG 4     | Bag 4 Total Hydrocarbon                            |              |
| START-SOC            | System Start State of Charge Watt-hours                         | WATT-HRS BAG 1     | Bag 1 Watt Hours                                   |              |
| END-SOC              | System End State of Charge Watt-hours                           | WATT-HRS BAG 2     | Bag 2 Watt Hours                                   |              |

## Certification Summary Information Report

| Test Group                             |                                                            | VVGAT04.0LTA | Evaporative/Refueling Family |                                                 | VVGAR0176LCS |
|----------------------------------------|------------------------------------------------------------|--------------|------------------------------|-------------------------------------------------|--------------|
| ACT-DISTANCE                           | Actual Distance Driven (miles)                             |              | WATT-HRS BAG 3               | Bag 3 Watt Hours                                |              |
| AS-VOLT                                | Average System Voltage                                     |              | WATT-HRS BAG 4               | Bag 4 Watt Hours                                |              |
| CO2 BAG 1                              | Bag 1 Carbon Dioxide                                       |              | WATT-HRS                     | Watt Hours                                      |              |
| CO2 BAG 2                              | Bag 2 Carbon Dioxide                                       |              | HC-NM BAG 1                  | Bag 1 Non-methane Hydrocarbon                   |              |
| CO2 BAG 3                              | Bag 3 Carbon Dioxide                                       |              | HC-NM BAG 2                  | Bag 2 Non-methane Hydrocarbon                   |              |
| CO2 BAG 4                              | Bag 4 Carbon Dioxide                                       |              | HC-NM BAG 3                  | Bag 3 Non-methane Hydrocarbon                   |              |
| NMOG+NOX                               | Non-methane organic gases plus Nitrogen Oxides             |              | HC-NM BAG 4                  | Bag 4 Non-methane Hydrocarbon                   |              |
| NMOG+NOX-COMP                          | SFTP Composite Non-methane Organic Gases + Nitrogen Oxides |              | N2O BAG 1                    | Bag 1 Nitrous Oxide                             |              |
| DT-IWRR                                | Drive Trace Inertia Work Ratio Rating                      |              | N2O BAG 2                    | Bag 2 Nitrous Oxide                             |              |
| DT-ASCR                                | Drive Trace Absolute Speed Change Rating                   |              | N2O BAG 3                    | Bag 3 Nitrous Oxide                             |              |
| DT-EER                                 | Drive Trace Energy Economy Rating                          |              | N2O BAG 4                    | Bag 4 Nitrous Oxide                             |              |
| <b>Certification Region</b>            |                                                            |              |                              |                                                 |              |
| CA                                     | California + CAA Section 177 states                        |              | FA                           | Federal                                         |              |
| <b>Exhaust Emission Standard Level</b> |                                                            |              |                              |                                                 |              |
| B1                                     | Federal Tier 2 Bin 1                                       |              | HDV2B340                     | Federal Tier 3 HD Class 2b Transitional Bin 340 |              |
| B2                                     | Federal Tier 2 Bin 2                                       |              | HDV2B250                     | Federal Tier 3 HD Class 2b Bin 250              |              |
| B3                                     | Federal Tier 2 Bin 3                                       |              | HDV2B200                     | Federal Tier 3 HD Class 2b Bin 200              |              |
| B4                                     | Federal Tier 2 Bin 4                                       |              | HDV2B170                     | Federal Tier 3 HD Class 2b Bin 170              |              |
| B5                                     | Federal Tier 2 Bin 5                                       |              | HDV2B150                     | Federal Tier 3 HD Class 2b Bin 150              |              |
| B6                                     | Federal Tier 2 Bin 6                                       |              | HDV2B0                       | Federal Tier 3 HD Class 2b Bin 0                |              |
| B7                                     | Federal Tier 2 Bin 7                                       |              | HDV3B630                     | Federal Tier 3 HD Class 3 Transitional Bin 630  |              |
| B8                                     | Federal Tier 2 Bin 8                                       |              | HDV3B570                     | Federal Tier 3 HD Class 3 Transitional Bin 570  |              |
| B9                                     | Federal Tier 2 Bin 9                                       |              | HDV3B400                     | Federal Tier 3 HD Class 3 Bin 400               |              |
| B10                                    | Federal Tier 2 Bin 10                                      |              | HDV3B270                     | Federal Tier 3 HD Class 3 Bin 270               |              |
| B11                                    | Federal Tier 2 Bin 11                                      |              | HDV3B230                     | Federal Tier 3 HD Class 3 Bin 230               |              |
| HDV1                                   | HDV1 (Federal HD chassis Class 2b GVW 8501-10000)          |              | HDV3B200                     | Federal Tier 3 HD Class 3 Bin 200               |              |
| HDV2                                   | HDV2 (Federal HD chassis Class 3 GVW 10001-14000)          |              | HDV3B0                       | Federal Tier 3 HD Class 3 Bin 0                 |              |
| L2                                     | California LEV-II LEV                                      |              | L4SULEV100                   | California LEV-IV SULEV100                      |              |
| L2OP                                   | California LEV-II LEV Optional                             |              | L4SULEV125                   | California LEV-IV SULEV125                      |              |
| U2                                     | California LEV-II ULEV                                     |              | L4SULEV15                    | California LEV-IV SULEV15                       |              |
| S2                                     | California LEV-II SULEV                                    |              | L4SULEV150                   | California LEV-IV SULEV150                      |              |
| ZEV                                    | California ZEV                                             |              | L4SULEV170                   | California LEV-IV SULEV170                      |              |
| OT                                     | Other                                                      |              | L4SULEV175                   | California LEV-IV SULEV175                      |              |
| T1                                     | Federal Tier 1                                             |              | L4SULEV20                    | California LEV-IV SULEV20                       |              |
| PZEV                                   | California PZEV                                            |              | L4SULEV200                   | California LEV-IV SULEV200                      |              |
| L2LEV160                               | California LEV-II LEV160                                   |              | L4SULEV230                   | California LEV-IV SULEV230                      |              |
| L2ULEV125                              | California LEV-II ULEV125                                  |              | L4SULEV25                    | California LEV-IV SULEV25                       |              |
| L2SULEV30                              | California LEV-II SULEV30                                  |              | L4SULEV30                    | California LEV-IV SULEV30                       |              |
| L2LEV395                               | California LEV-II LEV395                                   |              | L4SULEV75                    | California LEV-IV SULEV75                       |              |

## Certification Summary Information Report

| Test Group                    |                                                                   | VVGAT04.0LTA | Evaporative/Refueling Family                             |                            | VVGAR0176LCS |
|-------------------------------|-------------------------------------------------------------------|--------------|----------------------------------------------------------|----------------------------|--------------|
| L2ULEV340                     | California LEV-II ULEV340                                         |              | L4SULEV85                                                | California LEV-IV SULEV85  |              |
| L2LEV630                      | California LEV-II LEV630                                          |              | L4ULEV125                                                | California LEV-IV ULEV125  |              |
| L2ULEV570                     | California LEV-II ULEV570                                         |              | L4ULEV200                                                | California LEV-IV ULEV200  |              |
| L3LEV160                      | California LEV-III LEV160                                         |              | L4ULEV250                                                | California LEV-IV ULEV250  |              |
| L3ULEV125                     | California LEV-III ULEV125                                        |              | L4ULEV270                                                | California LEV-IV ULEV270  |              |
| L3ULEV70                      | California LEV-III ULEV70                                         |              | L4ULEV40                                                 | California LEV-IV ULEV40   |              |
| L3ULEV50                      | California LEV-III ULEV50                                         |              | L4ULEV400                                                | California LEV-IV ULEV400  |              |
| L3SULEV30                     | California LEV-III SULEV30                                        |              | L4ULEV50                                                 | California LEV-IV ULEV50   |              |
| L3SULEV20                     | California LEV-III SULEV20                                        |              | L4ULEV60                                                 | California LEV-IV ULEV60   |              |
| L3LEV395                      | California LEV-III LEV395                                         |              | L4ULEV70                                                 | California LEV-IV ULEV70   |              |
| L3ULEV340                     | California LEV-III ULEV340                                        |              | T4B170                                                   | Federal Tier 4 MDV Bin 170 |              |
| L3ULEV250                     | California LEV-III ULEV250                                        |              | T4B150                                                   | Federal Tier 4 MDV Bin 150 |              |
| L3ULEV200                     | California LEV-III ULEV200                                        |              | T4B125                                                   | Federal Tier 4 MDV Bin 125 |              |
| L3SULEV170                    | California LEV-III SULEV170                                       |              | T4B100                                                   | Federal Tier 4 MDV Bin 100 |              |
| L3SULEV150                    | California LEV-III SULEV150                                       |              | T4B85                                                    | Federal Tier 4 MDV Bin 85  |              |
| L3LEV630                      | California LEV-III LEV630                                         |              | T4B75                                                    | Federal Tier 4 MDV Bin 75  |              |
| L3ULEV570                     | California LEV-III ULEV570                                        |              | T4B70                                                    | Federal Tier 4 Bin 70      |              |
| L3ULEV400                     | California LEV-III ULEV400                                        |              | T4B65                                                    | Federal Tier 4 Bin 65      |              |
| L3ULEV270                     | California LEV-III ULEV270                                        |              | T4B60                                                    | Federal Tier 4 Bin 60      |              |
| L3SULEV230                    | California LEV-III SULEV230                                       |              | T4B55                                                    | Federal Tier 4 Bin 55      |              |
| L3SULEV200                    | California LEV-III SULEV200                                       |              | T4B50                                                    | Federal Tier 4 Bin 50      |              |
| T3B160                        | Federal Tier 3 Bin 160                                            |              | T4B45                                                    | Federal Tier 4 Bin 45      |              |
| T3B125                        | Federal Tier 3 Bin 125                                            |              | T4B40                                                    | Federal Tier 4 Bin 40      |              |
| T3B110                        | Federal Tier 3 Transitional Bin 110                               |              | T4B35                                                    | Federal Tier 4 Bin 35      |              |
| T3B85                         | Federal Tier 3 Transitional Bin 85                                |              | T4B30                                                    | Federal Tier 4 Bin 30      |              |
| T3SULEV30                     | Federal Tier 3 Transitional LEV-II SULEV30 Carryover              |              | T4B25                                                    | Federal Tier 4 Bin 25      |              |
| T3B70                         | Federal Tier 3 Bin 70                                             |              | T4B20                                                    | Federal Tier 4 Bin 20      |              |
| T3B50                         | Federal Tier 3 Bin 50                                             |              | T4B15                                                    | Federal Tier 4 Bin 15      |              |
| T3B30                         | Federal Tier 3 Bin 30                                             |              | T4B10                                                    | Federal Tier 4 Bin 10      |              |
| T3B20                         | Federal Tier 3 Bin 20                                             |              | T4B5                                                     | Federal Tier 4 Bin 5       |              |
| T3B0                          | Federal Tier 3 Bin 0                                              |              | T4B0                                                     | Federal Tier 4 Bin 0       |              |
| HDV2B395                      | Federal Tier 3 HD Class 2b Transitional Bin 395                   |              |                                                          |                            |              |
| <b>Transmission Type Code</b> |                                                                   |              |                                                          |                            |              |
| AMS                           | Automated Manual- Selectable (e.g. Automated Manual with paddles) | M            | Manual                                                   |                            |              |
| A                             | Automatic                                                         | OT           | Other                                                    |                            |              |
| AM                            | Automated Manual                                                  | SA           | Semi-Automatic                                           |                            |              |
| CVT                           | Continuously Variable                                             | SCV          | Selectable Continuously Variable (e.g. CVT with paddles) |                            |              |
| <b>Drive System Code</b>      |                                                                   |              |                                                          |                            |              |
| 4                             | 4-Wheel Drive                                                     | P            | Part-time 4-Wheel Drive                                  |                            |              |

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| Test Group                    |                                 | VVGAT04.0LTA | Evaporative/Refueling Family |                                  | VVGAR0176LCS |
|-------------------------------|---------------------------------|--------------|------------------------------|----------------------------------|--------------|
| F                             | 2-Wheel Drive, Front            |              | A                            | All Wheel Drive                  |              |
| R                             | 2-Wheel Drive, Rear             |              |                              |                                  |              |
| Additional Terms and Acronyms |                                 |              |                              |                                  |              |
| AFC                           | Alternative Fuel Converter      |              | ICI                          | Independent Commercial Importer  |              |
| CSI                           | Certificate Summary Information |              | ORVR                         | Onboard Refueling Vapor Recovery |              |
| DF                            | Deterioration Factor            |              | SIL                          | Shift Indicator Light            |              |
| Evap                          | Evaporation, Evaporative        |              | Trans                        | Transmission                     |              |