

## Certification Summary Information Report

|                                   |                  |                                     |                        |
|-----------------------------------|------------------|-------------------------------------|------------------------|
| <b>Manufacturer</b>               | FCA US LLC       | <b>Manufacturer Code</b>            | CRX                    |
| <b>Test Group</b>                 | VCRXT06.2570     | <b>Evaporative/Refueling Family</b> | VCRXR0183RR1           |
| <b>Certificate Number</b>         | VCRXT06.2570-022 | <b>CARB Executive Order #</b>       | --                     |
| <b>Certificate Issue Date</b>     | 04/24/2026       | <b>Certificate Revision Date</b>    | --                     |
| <b>Certificate Effective Date</b> | 04/24/2026       | <b>Conditional Certificate</b>      | No                     |
| <b>CSI Revision #</b>             | --               | <b>CSI Submission/Revision Date</b> | 04/27/2026 10:14:43 AM |
| <b>Model Year</b>                 | 2027             |                                     |                        |

  
**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:** Combustion Engine

| Fuel     | Basic Fuel Metering System           | Lean Burn Strategy Indicator |
|----------|--------------------------------------|------------------------------|
| Gasoline | Multipoint/sequential fuel injection | No                           |

  

|                                                     |                                                                                                                                                                                                                                                                                                                                                                      |                                                            |              |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------|
| <b>Hybrid Indicator</b>                             | No                                                                                                                                                                                                                                                                                                                                                                   |                                                            |              |
| <b>Multiple Fuel Storage</b>                        | --                                                                                                                                                                                                                                                                                                                                                                   | <b>Rechargeable Energy Storage System Indicator</b>        | --           |
| <b>Multiple Fuel Combustion</b>                     | --                                                                                                                                                                                                                                                                                                                                                                   | <b>Off-board Charge Capable Indicator</b>                  | --           |
| <b>Fuel Cell Indicator</b>                          | --                                                                                                                                                                                                                                                                                                                                                                   | <b>EPA Vehicle Class</b>                                   | LDT4         |
| <b>Federal Clean Fuel Vehicle</b>                   | Yes                                                                                                                                                                                                                                                                                                                                                                  | <b>Federal Clean Fuel Vehicle Standard</b>                 | LEV          |
| <b>Federal Clean Fuel Vehicle ILEV</b>              | No                                                                                                                                                                                                                                                                                                                                                                   | <b>California Partial Zero Emissions Vehicle Indicator</b> | No           |
| <b>Durability Group Name</b>                        | TCRXGPGNNF18                                                                                                                                                                                                                                                                                                                                                         | <b>Durability Group Equivalency Factor</b>                 | 1.0          |
| <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>                | VCRXT03.6570 |
| <b>Test Group OBD Compliance Level</b>              | Partial - with deficiencies and penalty                                                                                                                                                                                                                                                                                                                              | <b>Number of Test Group OBD Deficiencies</b>               | 3            |
| <b>OBD Deficiencies Comments</b>                    | 1. SAE International (SAE) J1972-2 Implementation 2. Adaptive cruise control and parallel park systems default action 3. Radio Touch Screen Module Driver Selectable Drive Mode Monitoring                                                                                                                                                                           |                                                            |              |
| <b>Mfr Test Group Comments</b>                      | T4iBIN70 E10 - City Litmus Value: 8.0; City Litmus Threshold: 7.5; Hwy Litmus Value: 11.9; Hwy Litmus Threshold: 11.3 This test group is being certified to Tier 4 Interim standards. FCA US LCC agrees to meet the Tier 4i BIN 30 standards and the regulations applicable to such vehicles during the full useful lives of the vehicles in test group VCRXT06.2570 |                                                            |              |
| <b>Mfr Exhaust / Evap Standards Comments</b>        | --                                                                                                                                                                                                                                                                                                                                                                   |                                                            |              |

## Certification Summary Information Report

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|-----------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------|-------------------------------------|---------------------|---------------------|---------------------|-----------------------|
| <b>Test Group</b>                                                           | VCRXT06.2570                                     | <b>Evaporative/Refueling Family</b>                       | VCRXR0183RR1                        |                     |                     |                     |                       |
| <b>Evaporative/Refueling Family Information</b>                             |                                                  |                                                           |                                     |                     |                     |                     |                       |
| <b>Evaporative Summary Information Type</b>                                 | New                                              | <b>Submission/Correction Date</b>                         | 04/08/2026 08:45:13 AM              |                     |                     |                     |                       |
| <b>Integrated ORVR?</b>                                                     | Yes                                              | <b>Fuel(s)</b>                                            | Gasoline                            |                     |                     |                     |                       |
| <b>Multiple Fuel Storage</b>                                                | --                                               |                                                           |                                     |                     |                     |                     |                       |
| <b>Bladder Fuel Tank?</b>                                                   | No                                               |                                                           |                                     |                     |                     |                     |                       |
| <b>Fuel Tank Material</b>                                                   | Plastic                                          | <b>Fuel Tank Material Description</b>                     | hdpe/co-ex                          |                     |                     |                     |                       |
| <b>Fill Pipe Seal Type</b>                                                  | Liquid seal                                      |                                                           |                                     |                     |                     |                     |                       |
| <b>Air Intake System Vapor Storage Device?</b>                              | Yes                                              | <b>Air Intake System Vapor Storage Device Description</b> | HC Adsorber                         |                     |                     |                     |                       |
| <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> | 183                                              | <b>Number of Primary Canisters</b>                        | 1                                   |                     |                     |                     |                       |
| <b>Number of Bleed Canisters</b>                                            | 0                                                | <b>Bleed Canister Total Working Capacity (grams)</b>      | 0                                   |                     |                     |                     |                       |
| <b>Mfr Evaporative/Refueling Family Comments</b>                            | --                                               |                                                           |                                     |                     |                     |                     |                       |
| <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>      |                     |                     |                     |                       |
| VCRXR0183RR1-LF1                                                            | 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> |
| FCA US LLC                                                                  | 12 - RAM                                         | 926 - 1500 Rumble Bee 4x4                                 | Federal                             | All Wheel Drive     | Automatic           | 8                   | Yes                   |
| FCA US LLC                                                                  | 12 - RAM                                         | 926 - 1500 Rumble Bee 4x4                                 | California + CAA Section 177 states | All Wheel Drive     | Automatic           | 8                   | Yes                   |
| <b>Engine Description</b>                                                   |                                                  |                                                           |                                     |                     |                     |                     |                       |
| <b>Hybrid Type</b>                                                          | --                                               | <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>                       | 0W-40                               |                     |                     |                     |                       |
| <b>Number of Cylinders/Rotors</b>                                           | 8                                                | <b>Mechanically Variable Compression Ratio Indicator</b>  | N                                   |                     |                     |                     |                       |

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|                                                  |              |                    |              |                                                         |                |                           |                              |                                  |                                 |                                     |                              |
|--------------------------------------------------|--------------|--------------------|--------------|---------------------------------------------------------|----------------|---------------------------|------------------------------|----------------------------------|---------------------------------|-------------------------------------|------------------------------|
| <b>Test Group</b>                                |              | VCRXT06.2570       |              | <b>Evaporative/Refueling Family</b>                     |                | VCRXR0183RR1              |                              |                                  |                                 |                                     |                              |
| <b>After Treatment Device(s) (ATD)</b>           |              |                    |              |                                                         |                |                           |                              |                                  |                                 |                                     |                              |
| <b>ATD Number</b>                                |              | <b>ATD Type</b>    |              | <b>ATD Precious Metal</b>                               |                | <b>Substrate Material</b> |                              | <b>Substrate Construction</b>    |                                 |                                     |                              |
| 1                                                |              | Three-way catalyst |              | Palladium + Rhodium                                     |                | Ceramic                   |                              | Monolith                         |                                 |                                     |                              |
| 2                                                |              | Three-way catalyst |              | Palladium + Rhodium                                     |                | Ceramic                   |                              | Monolith                         |                                 |                                     |                              |
| <b>Mfr After Treatment Device (ATD) Comments</b> |              | THREE WAY CATALYST |              |                                                         |                |                           |                              |                                  |                                 |                                     |                              |
| <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>              |              | 6.2                |              | <b>Engine Rated Horsepower</b>                          |                | 777                       |                              |                                  |                                 |                                     |                              |
| <b>Number of Inlet Valves Per Cylinder</b>       |              | 1                  |              | <b>Number of Exhaust Valves Per Cylinder</b>            |                | 1                         |                              |                                  |                                 |                                     |                              |
| <b>Air Aspiration Method</b>                     |              | Supercharged       |              | <b>Number of Air Aspiration Devices</b>                 |                | 1                         |                              |                                  |                                 |                                     |                              |
| <b>Air Aspiration Device Configuration</b>       |              | Single             |              | <b>Charge Air Cooler Type</b>                           |                | Liquid                    |                              |                                  |                                 |                                     |                              |
| <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>  |              | Cam phaser         |              |                                                         |                |                           |                              |                                  |                                 |                                     |                              |
| <b>Variable Valve Lift?</b>                      |              | No                 |              |                                                         |                |                           |                              |                                  |                                 |                                     |                              |
| <b>Variable Valve Lift System Description</b>    |              | --                 |              |                                                         |                |                           |                              |                                  |                                 |                                     |                              |
| <b>Number of Knock Sensors</b>                   |              | 2                  |              | <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>                 |                | --                        |                              |                                  |                                 |                                     |                              |
| <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>         |              | --                 |              |                                                         |                |                           |                              |                                  |                                 |                                     |                              |
| <b>Official Test Numbers</b>                     |              |                    |              |                                                         |                |                           |                              |                                  |                                 |                                     |                              |
| <b>Test Group</b>                                | <b>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> |
| Gasoline                                         | TCRX10092782 | TCRX10092780       | TCRX10092781 | TCRX10092783                                            | TCRX10092779   | 8                         | 7.5                          | 11.9                             | 10.8                            | 1                                   |                              |

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|                                    |  |              |  |                              |  |              |  |
|------------------------------------|--|--------------|--|------------------------------|--|--------------|--|
| Test Group                         |  | VCRXT06.2570 |  | Evaporative/Refueling Family |  | VCRXR0183RR1 |  |
| SFTP LEV-III Official Test Numbers |  |              |  |                              |  |              |  |
| Test Group Fuel                    |  | FTP          |  | US06                         |  | SC03         |  |
| Gasoline                           |  | TCRX10092782 |  | TCRX10092780                 |  | TCRX10092781 |  |

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| <b>Test Group</b>                            | VCRXT06.2570                                                                                                                                                            | <b>Evaporative/Refueling Family</b>                   | VCRXR0183RR1        |      |   |                   |          |  |  |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------|------|---|-------------------|----------|--|--|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                         |                                                       |                     |      |   |                   |          |  |  |
| <b>Vehicle ID / Configuration</b>            | L6DT63822 / 0                                                                                                                                                           | <b>Manufacturer Vehicle Configuration Number</b>      | 0                   |      |   |                   |          |  |  |
| <b>Original Test Group Name</b>              | TCRXT06.2570                                                                                                                                                            | <b>Original Evaporative/Refueling Family</b>          | TCRXR0225RR1        |      |   |                   |          |  |  |
| <b>Original Test Vehicle Model Year</b>      | 2026                                                                                                                                                                    |                                                       |                     |      |   |                   |          |  |  |
| <b>Vehicle Model</b>                         |                                                                                                                                                                         |                                                       |                     |      |   |                   |          |  |  |
| <b>Represented Test Vehicle Make</b>         | RAM                                                                                                                                                                     | <b>Represented Test Vehicle Model</b>                 | 1500 4X4            |      |   |                   |          |  |  |
| <b>Leak Family Details</b>                   |                                                                                                                                                                         |                                                       |                     |      |   |                   |          |  |  |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                      | <b>Leak Family Name</b>                               | --                  |      |   |                   |          |  |  |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                         |                                                       |                     |      |   |                   |          |  |  |
|                                              | <table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> </table> | Drive Source and Fuel#                                | Drive Source        | Fuel | 1 | Combustion Engine | Gasoline |  |  |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                            | Fuel                                                  |                     |      |   |                   |          |  |  |
| 1                                            | Combustion Engine                                                                                                                                                       | Gasoline                                              |                     |      |   |                   |          |  |  |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                      |                                                       |                     |      |   |                   |          |  |  |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                      | <b>Multiple Fuel Combustion</b>                       | --                  |      |   |                   |          |  |  |
| <b>Fuel Cell Indicator</b>                   | --                                                                                                                                                                      | <b>Rechargeable Energy Storage System Indicator</b>   | --                  |      |   |                   |          |  |  |
| <b>Rechargeable Energy Storage System</b>    | --                                                                                                                                                                      | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                  |      |   |                   |          |  |  |
| <b>Off-board charge Capable Indicator</b>    | --                                                                                                                                                                      |                                                       |                     |      |   |                   |          |  |  |
| <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 - Initial system miles) * Correction factor                                                                         |                                                       |                     |      |   |                   |          |  |  |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                   |                                                       |                     |      |   |                   |          |  |  |
| <b>Engine Code</b>                           | AA-1000                                                                                                                                                                 | <b>Rated Horsepower</b>                               | 740                 |      |   |                   |          |  |  |
| <b>Displacement (liters)</b>                 | 6.2                                                                                                                                                                     |                                                       |                     |      |   |                   |          |  |  |
| <b>Air Aspiration Method</b>                 | Supercharged                                                                                                                                                            | <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>                | Liquid                                                                                                                                                                  | <b>Drive Mode While Testing</b>                       | 2-Wheel Drive, Rear |      |   |                   |          |  |  |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                            | <b>Aged Emission Components</b>                       | 4,000 (mi)          |      |   |                   |          |  |  |
| <b>Curb Weight (lbs)</b>                     | 6854                                                                                                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 7000                |      |   |                   |          |  |  |
| <b>GVWR (lbs)</b>                            | 7800                                                                                                                                                                    | <b>N/V Ratio</b>                                      | 23.7                |      |   |                   |          |  |  |
| <b>Axle Ratio</b>                            | 3.55                                                                                                                                                                    |                                                       |                     |      |   |                   |          |  |  |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                               | <b># of Transmission Gears</b>                        | 8                   |      |   |                   |          |  |  |
| <b>Transmission Lockup</b>                   | Yes                                                                                                                                                                     | <b>Creep Gear</b>                                     | No                  |      |   |                   |          |  |  |

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|                                    |         |                          |                |                  |                              |                |                                                                                  |  |
|------------------------------------|---------|--------------------------|----------------|------------------|------------------------------|----------------|----------------------------------------------------------------------------------|--|
| Test Group                         |         | VCRXT06.2570             |                |                  | Evaporative/Refueling Family |                | VCRXR0183RR1                                                                     |  |
| 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                  | 83.25   | -0.2067                  | 0.05757        | 17.7             | 0.5933                       | 0.04614        | 28.9                                                                             |  |
| Cold CO                            | 91.58   | -0.2274                  | 0.06333        | 14.63            | 0.3736                       | 0.05394        | N/A                                                                              |  |
| US06                               | 83.25   | -0.2067                  | 0.05757        | 17.7             | 0.5933                       | 0.04614        | N/A                                                                              |  |
| Emission Control Device Comments   |         | --                       |                |                  |                              |                |                                                                                  |  |
| Manufacturer Test Vehicle Comments |         | callout: 26DA-T06.2570-1 |                |                  |                              |                |                                                                                  |  |

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| Test Group                                     | VCRXT06.2570                               | Evaporative/Refueling Family          | VCRXR0183RR1                                           |
|------------------------------------------------|--------------------------------------------|---------------------------------------|--------------------------------------------------------|
| <b>Test #</b>                                  | <b>TCRX10092782</b>                        | <b>Test Procedure</b>                 | <b>25 - California fuel 2-day exhaust (w/can load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 47 - CARB LEV3 E10 Premium Gasoline                    |
| <b>Test Date</b>                               | 11/23/2025                                 | <b>Fuel</b>                           | Gasoline                                               |
| <b>Fuel Batch ID</b>                           | 11460                                      | <b>Fuel Calibration Number</b>        | 1                                                      |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | Mfr. Determined                                        |
| <b>Verify Test Lab ID</b>                      | CPG                                        |                                       |                                                        |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                                        |
| <b>Test Start Odometer Reading</b>             | 4093                                       | <b>Odometer Units</b>                 | M                                                      |
| <b>4WD Test Dyno</b>                           | No                                         | <b>Diesel Adjustment Factor Usage</b> | --                                                     |
| <b>State of Charge Delta</b>                   | No                                         |                                       |                                                        |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | No                                                     |
| <b>Test Results</b>                            |                                            |                                       |                                                        |

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| Test Group                                         | VCRXT06.2570          | Evaporative/Refueling Family                             | VCRXR0183RR1 |
|----------------------------------------------------|-----------------------|----------------------------------------------------------|--------------|
| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |              |
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 893.08                | --                                                       |              |
| CO BAG 1 (Bag 1 Carbon Monoxide)                   | 0.910996              | --                                                       |              |
| FE BAG 1 (Bag 1 Fuel Economy)                      | 9.69                  | 9.69                                                     |              |
| CH4 BAG 1 (Bag 1 Methane)                          | 0.01388               | --                                                       |              |
| NMOG BAG 1 (Bag 1 Non-methane organic gases)       | 0.0714                | --                                                       |              |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 985.87                | --                                                       |              |
| CO BAG 2 (Bag 2 Carbon Monoxide)                   | 0.873842              | --                                                       |              |
| FE BAG 2 (Bag 2 Fuel Economy)                      | 8.78                  | 8.78                                                     |              |
| CH4 BAG 2 (Bag 2 Methane)                          | 0.003341              | --                                                       |              |
| NMOG BAG 2 (Bag 2 Non-methane organic gases)       | 0                     | --                                                       |              |
| CO2 BAG 3 (Bag 3 Carbon Dioxide)                   | 828.86                | --                                                       |              |
| CO BAG 3 (Bag 3 Carbon Monoxide)                   | 0.358456              | --                                                       |              |
| FE BAG 3 (Bag 3 Fuel Economy)                      | 10.45                 | 10.45                                                    |              |
| CH4 BAG 3 (Bag 3 Methane)                          | 0.005557              | --                                                       |              |
| NMOG BAG 3 (Bag 3 Non-methane organic gases)       | 0                     | --                                                       |              |
| METHANE (CH4 - Methane)                            | 0.006134              | --                                                       |              |
| CO (Carbon Monoxide)                               | 0.740078              | --                                                       |              |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 0.6278                | --                                                       |              |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.11                 | --                                                       |              |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 1.3616                | --                                                       |              |
| MFR FE (Manufacturer Fuel Economy)                 | 9.4                   | 9.4                                                      |              |
| NOX (Nitrogen Oxide)                               | 0.006233              | --                                                       |              |
| N2O (Nitrous Oxide)                                | 0.000327              | --                                                       |              |
| HC-NM (Non-methane Hydrocarbon)                    | 0.013491              | --                                                       |              |
| NMOG (Non-methane organic gases)                   | 0.014794              | --                                                       |              |
| PM (Particulate Matter)                            | 0.000182              | --                                                       |              |
| HC-TOTAL (Total Hydrocarbon)                       | 0.01827               | --                                                       |              |
| Test Result Name                                   | Unrounded Test Result | Verify Calculated CREE/OPT-CREE                          |              |
| Carbon-Related Exhaust Emissions                   | 925                   | 925                                                      |              |
| Test Result Name                                   | Unrounded Test Result | Verify Calculated CO2                                    |              |
| Carbon dioxide                                     | 923.53507             | --                                                       |              |

Manufacturer Test Comments

26DA-T06.2570-1 city rerun 4k Sport Fixed cpE10

## Certification Summary Information Report

| Test Group           |               | VCRXT06.2570           |               |                | Evaporative/Refueling Family |                  |                          |        |         | VCRXR0183RR1        |          |           |
|----------------------|---------------|------------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| 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 3 Bin 125 | CO            | 0.74           | --                           | --               | --                       | 0.66   | 1       | 1.4                 | 2.1      | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | CO-COMP       | 2.21           | --                           | --               | --                       | 0.66   | 1       | 2.2                 | 4.2      | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | CREE          | 925            | --                           | --               | --                       | 0      | 1       | 925                 | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | METHANE       | 0.0061         | --                           | --               | --                       | 0.0155 | 1       | 0.022               | 0.030    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | N2O           | 0.0003         | --                           | --               | --                       | 0.0002 | 1       | 0                   | 0.010    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NMOG          | 0.0148         | --                           | --               | --                       | 0.0275 | 1       | 0.042               | 999.999  | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NMOG+NOX      | 0.021          | --                           | --               | --                       | --     | --      | 0.048               | 0.125    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NMOG+NOX-COMP | 0.0351         | --                           | --               | --                       | 0      | 1       | 0.035               | 0.125    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NOX           | 0.0062         | --                           | --               | --                       | 0      | 1       | 0.006               | 999.999  | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | PM            | 0.0002         | --                           | --               | --                       | 0      | 1       | 0                   | 0.003    | Pass      |
| CA                   | 150,000 miles | Other                  | CO            | 0.74           | --                           | --               | --                       | 0.66   | 1       | 1.4                 | 2.1      | Pass      |
| CA                   | 150,000 miles | Other                  | CO-COMP       | 2.21           | --                           | --               | --                       | 0.66   | 1       | 2.2                 | 4.2      | Pass      |
| CA                   | 150,000 miles | Other                  | METHANE       | 0.0061         | --                           | --               | --                       | 0.0155 | 1       | 0.022               | 0.030    | Pass      |
| CA                   | 150,000 miles | Other                  | N2O           | 0.0003         | --                           | --               | --                       | 0.0002 | 1       | 0                   | 0.010    | Pass      |
| CA                   | 150,000 miles | Other                  | NMOG          | 0.0148         | --                           | --               | --                       | 0.0275 | 1       | 0.042               | 999.999  | Pass      |
| CA                   | 150,000 miles | Other                  | NMOG+NOX      | 0.021          | --                           | --               | --                       | --     | --      | 0.048               | 0.125    | Pass      |
| CA                   | 150,000 miles | Other                  | NMOG+NOX-COMP | 0.0351         | --                           | --               | --                       | 0      | 1       | 0.035               | 0.125    | Pass      |
| CA                   | 150,000 miles | Other                  | NOX           | 0.0062         | --                           | --               | --                       | 0      | 1       | 0.006               | 999.999  | Pass      |
| CA                   | 150,000 miles | Other                  | PM            | 0.0002         | --                           | --               | --                       | 0      | 1       | 0                   | 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                                     | VCRXT06.2570                               | Evaporative/Refueling Family          | VCRXR0183RR1                               |
|------------------------------------------------|--------------------------------------------|---------------------------------------|--------------------------------------------|
| <b>Test #</b>                                  | <b>TCRX10092783</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>                               | 12/04/2025                                 | <b>Fuel</b>                           | Gasoline                                   |
| <b>Fuel Batch ID</b>                           | 11427                                      | <b>Fuel Calibration Number</b>        | 1                                          |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | Mfr. Determined                            |
| <b>Verify Test Lab ID</b>                      | CTC                                        |                                       |                                            |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                            |
| <b>Test Start Odometer Reading</b>             | 4137                                       | <b>Odometer Units</b>                 | M                                          |
| <b>4WD Test Dyno</b>                           | No                                         | <b>Diesel Adjustment Factor Usage</b> | --                                         |
| <b>State of Charge Delta</b>                   | No                                         |                                       |                                            |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | No                                         |
| <b>Test Results</b>                            |                                            |                                       |                                            |

## Certification Summary Information Report

| Test Group                       | VCRXT06.2570                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Evaporative/Refueling Family                                                                                                                                                                     | VCRXR0183RR1                                             |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------|----------------------------------|-----|----------------------------------|----------|----|-------------------------------|------|------|---------------------------|----------|----|----------------------------------------------|--------|----|----------------------------------|---------|----|----------------------------------|----------|----|-------------------------------|------|------|---------------------------|----------|----|----------------------------------------------|--------|----|----------------------------------|--------|----|----------------------------------|----------|----|-------------------------------|-------|-------|---------------------------|---------|----|----------------------------------------------|---|----|-------------------------|----------|----|----------------------|---------|----|----------------------------------------------------|--------|----|--------------------------------------------|--------|----|-------------------------------------------------|--------|----|------------------------------------|-----|-----|----------------------|----------|----|---------------------------------|----------|----|----------------------------------|--------|----|--|--|
|                                  | <table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>CO2 BAG 1 (Bag 1 Carbon Dioxide)</td><td>1039.57</td><td>--</td></tr><tr><td>CO BAG 1 (Bag 1 Carbon Monoxide)</td><td>7.252692</td><td>--</td></tr><tr><td>FE BAG 1 (Bag 1 Fuel Economy)</td><td>8.24</td><td>8.24</td></tr><tr><td>CH4 BAG 1 (Bag 1 Methane)</td><td>0.075875</td><td>--</td></tr><tr><td>NMOG BAG 1 (Bag 1 Non-methane organic gases)</td><td>1.3317</td><td>--</td></tr><tr><td>CO2 BAG 2 (Bag 2 Carbon Dioxide)</td><td>1026.22</td><td>--</td></tr><tr><td>CO BAG 2 (Bag 2 Carbon Monoxide)</td><td>0.975272</td><td>--</td></tr><tr><td>FE BAG 2 (Bag 2 Fuel Economy)</td><td>8.46</td><td>8.46</td></tr><tr><td>CH4 BAG 2 (Bag 2 Methane)</td><td>0.003273</td><td>--</td></tr><tr><td>NMOG BAG 2 (Bag 2 Non-methane organic gases)</td><td>0.0013</td><td>--</td></tr><tr><td>CO2 BAG 3 (Bag 3 Carbon Dioxide)</td><td>857.91</td><td>--</td></tr><tr><td>CO BAG 3 (Bag 3 Carbon Monoxide)</td><td>0.458906</td><td>--</td></tr><tr><td>FE BAG 3 (Bag 3 Fuel Economy)</td><td>10.12</td><td>10.12</td></tr><tr><td>CH4 BAG 3 (Bag 3 Methane)</td><td>0.00557</td><td>--</td></tr><tr><td>NMOG BAG 3 (Bag 3 Non-methane organic gases)</td><td>0</td><td>--</td></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.018957</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>2.13532</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>2.0215</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>0.9009</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>2.9302</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>8.8</td><td>8.8</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.022628</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.251385</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.2768</td><td>--</td></tr></table> | Test Result Name                                                                                                                                                                                 | Unrounded Test Result                                    | Verify Calculated FE Equivalent Value (miles per gallon) | CO2 BAG 1 (Bag 1 Carbon Dioxide) | 1039.57                          | --  | CO BAG 1 (Bag 1 Carbon Monoxide) | 7.252692 | -- | FE BAG 1 (Bag 1 Fuel Economy) | 8.24 | 8.24 | CH4 BAG 1 (Bag 1 Methane) | 0.075875 | -- | NMOG BAG 1 (Bag 1 Non-methane organic gases) | 1.3317 | -- | CO2 BAG 2 (Bag 2 Carbon Dioxide) | 1026.22 | -- | CO BAG 2 (Bag 2 Carbon Monoxide) | 0.975272 | -- | FE BAG 2 (Bag 2 Fuel Economy) | 8.46 | 8.46 | CH4 BAG 2 (Bag 2 Methane) | 0.003273 | -- | NMOG BAG 2 (Bag 2 Non-methane organic gases) | 0.0013 | -- | CO2 BAG 3 (Bag 3 Carbon Dioxide) | 857.91 | -- | CO BAG 3 (Bag 3 Carbon Monoxide) | 0.458906 | -- | FE BAG 3 (Bag 3 Fuel Economy) | 10.12 | 10.12 | CH4 BAG 3 (Bag 3 Methane) | 0.00557 | -- | NMOG BAG 3 (Bag 3 Non-methane organic gases) | 0 | -- | METHANE (CH4 - Methane) | 0.018957 | -- | CO (Carbon Monoxide) | 2.13532 | -- | DT-ASCR (Drive Trace Absolute Speed Change Rating) | 2.0215 | -- | DT-EER (Drive Trace Energy Economy Rating) | 0.9009 | -- | DT-IWRR (Drive Trace Inertia Work Ratio Rating) | 2.9302 | -- | MFR FE (Manufacturer Fuel Economy) | 8.8 | 8.8 | NOX (Nitrogen Oxide) | 0.022628 | -- | HC-NM (Non-methane Hydrocarbon) | 0.251385 | -- | NMOG (Non-methane organic gases) | 0.2768 | -- |  |  |
|                                  | Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrounded Test Result                                                                                                                                                                            | Verify Calculated FE Equivalent Value (miles per gallon) |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CO2 BAG 1 (Bag 1 Carbon Dioxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1039.57                                                                                                                                                                                          | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CO BAG 1 (Bag 1 Carbon Monoxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7.252692                                                                                                                                                                                         | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | FE BAG 1 (Bag 1 Fuel Economy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8.24                                                                                                                                                                                             | 8.24                                                     |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CH4 BAG 1 (Bag 1 Methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.075875                                                                                                                                                                                         | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | NMOG BAG 1 (Bag 1 Non-methane organic gases)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.3317                                                                                                                                                                                           | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CO2 BAG 2 (Bag 2 Carbon Dioxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1026.22                                                                                                                                                                                          | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CO BAG 2 (Bag 2 Carbon Monoxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.975272                                                                                                                                                                                         | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | FE BAG 2 (Bag 2 Fuel Economy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8.46                                                                                                                                                                                             | 8.46                                                     |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CH4 BAG 2 (Bag 2 Methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.003273                                                                                                                                                                                         | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | NMOG BAG 2 (Bag 2 Non-methane organic gases)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.0013                                                                                                                                                                                           | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CO2 BAG 3 (Bag 3 Carbon Dioxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 857.91                                                                                                                                                                                           | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CO BAG 3 (Bag 3 Carbon Monoxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.458906                                                                                                                                                                                         | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | FE BAG 3 (Bag 3 Fuel Economy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10.12                                                                                                                                                                                            | 10.12                                                    |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CH4 BAG 3 (Bag 3 Methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00557                                                                                                                                                                                          | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | NMOG BAG 3 (Bag 3 Non-methane organic gases)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                                                                                                                                                                                                | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | METHANE (CH4 - Methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.018957                                                                                                                                                                                         | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | CO (Carbon Monoxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.13532                                                                                                                                                                                          | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | DT-ASCR (Drive Trace Absolute Speed Change Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2.0215                                                                                                                                                                                           | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | DT-EER (Drive Trace Energy Economy Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.9009                                                                                                                                                                                           | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | DT-IWRR (Drive Trace Inertia Work Ratio Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.9302                                                                                                                                                                                           | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | MFR FE (Manufacturer Fuel Economy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8.8                                                                                                                                                                                              | 8.8                                                      |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | NOX (Nitrogen Oxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.022628                                                                                                                                                                                         | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | HC-NM (Non-methane Hydrocarbon)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.251385                                                                                                                                                                                         | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | NMOG (Non-methane organic gases)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.2768                                                                                                                                                                                           | --                                                       |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CREE/OPT-CREE</th></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>987</td><td>--</td></tr></table> | Test Result Name                                         | Unrounded Test Result                                    | Verify Calculated CREE/OPT-CREE  | Carbon-Related Exhaust Emissions | 987 | --                               |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrounded Test Result                                                                                                                                                                            | Verify Calculated CREE/OPT-CREE                          |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
| Carbon-Related Exhaust Emissions | 987                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | --                                                                                                                                                                                               |                                                          |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
|                                  | <table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CO2</th></tr><tr><td>Carbon dioxide</td><td>982.82726</td><td>--</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Test Result Name                                                                                                                                                                                 | Unrounded Test Result                                    | Verify Calculated CO2                                    | Carbon dioxide                   | 982.82726                        | --  |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
| Test Result Name                 | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Verify Calculated CO2                                                                                                                                                                            |                                                          |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
| Carbon dioxide                   | 982.82726                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                                                                                                                                                                               |                                                          |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |
| Manufacturer Test Comments       | 26DA-T06.2570-1 city 4k Sport Fixed CCO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                  |                                                          |                                                          |                                  |                                  |     |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |         |    |                                  |          |    |                               |      |      |                           |          |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |         |    |                                              |   |    |                         |          |    |                      |         |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |     |     |                      |          |    |                                 |          |    |                                  |        |    |  |  |

Certification Summary Information Report

| Test Group           |               | VCRXT06.2570           |               |                |     | Evaporative/Refueling Family |                          |        |         | VCRXR0183RR1        |          |           |
|----------------------|---------------|------------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| 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 3 Bin 125 | CO            | 2.14           | --  | --                           | --                       | 0.09   | 1       | 2.2                 | 12.5     | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | HC-NM         | 0.25           | --  | --                           | --                       | 0.02   | 1       | 0.3                 | 0.4      | Pass      |
| CA                   | 50,000 miles  | Other                  | CO            | 2.14           | --  | --                           | --                       | 0.09   | 1       | 2.2                 | 12.5     | Pass      |

## Certification Summary Information Report

|                                                           |                                            |                                                                 |                                     |
|-----------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------|-------------------------------------|
| <b>Test Group</b>                                         | VCRXT06.2570                               | <b>Evaporative/Refueling Family</b>                             | VCRXR0183RR1                        |
| <b>Test #</b>                                             | <b>TCRX10092779</b>                        | <b>Test Procedure</b>                                           | <b>3 - HWFE</b>                     |
| <b>Exhaust Test # for this Evap Test</b>                  | --                                         | <b>Test Fuel Type</b>                                           | 47 - CARB LEV3 E10 Premium Gasoline |
| <b>Test Date</b>                                          | 11/21/2025                                 | <b>Fuel</b>                                                     | Gasoline                            |
| <b>Fuel Batch ID</b>                                      | 11460                                      | <b>Fuel Calibration Number</b>                                  | 1                                   |
| <b>Vehicle Class</b>                                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                                                  | Mfr. Determined                     |
| <b>Verify Test Lab ID</b>                                 | CPG                                        |                                                                 |                                     |
| <b>E10 Evaporative Test Measurement Method</b>            | --                                         | <b>Odometer Units</b>                                           | M                                   |
| <b>Test Start Odometer Reading</b>                        | 4036                                       | <b>Diesel Adjustment Factor Usage</b>                           | --                                  |
| <b>4WD Test Dyno</b>                                      | No                                         |                                                                 |                                     |
| <b>State of Charge Delta</b>                              | No                                         | <b>Road Speed Fan Usage</b>                                     | No                                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>               | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  |                                                                 |                                     |
| <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>METHANE (CH4 - Methane)</b>                            | 0.000922                                   | --                                                              |                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0.437354                                   | --                                                              |                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -0.439                                     | --                                                              |                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | 0.1781                                     | --                                                              |                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -0.403                                     | --                                                              |                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 15.2                                       | 15.2                                                            |                                     |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                                          | --                                                              |                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0.00017                                    | --                                                              |                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0.000175                                   | --                                                              |                                     |
| <b>HC-TOTAL (Total Hydrocarbon)</b>                       | 0.001055                                   | --                                                              |                                     |
| <b>Test Result Name</b>                                   | <b>Unrounded Test Result</b>               | <b>Verify Calculated CREE/OPT-CREE</b>                          |                                     |
| <b>Carbon-Related Exhaust Emissions</b>                   | 571                                        | 571                                                             |                                     |
| <b>Test Result Name</b>                                   | <b>Unrounded Test Result</b>               | <b>Verify Calculated CO2</b>                                    |                                     |
| <b>Carbon dioxide</b>                                     | 570.44917                                  | --                                                              |                                     |
| <b>Manufacturer Test Comments</b>                         | 26DA-T06.2570-1 hwy 4k Sport Fixed cpE10   |                                                                 |                                     |

## Certification Summary Information Report

| Test Group           |               | VCRXT06.2570           |               |                | Evaporative/Refueling Family |                  |                          |        |         | VCRXR0183RR1        |          |           |
|----------------------|---------------|------------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| 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 3 Bin 125 | CREE          | 571            | --                           | --               | --                       | 0      | 1       | 571                 | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NMOG          | 0.0002         | --                           | --               | --                       | 0.0275 | 1       | 0.028               | 999.999  | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NMOG+NOX      | 0.0002         | --                           | --               | --                       | --     | --      | 0.028               | 0.125    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NOX           | 0              | --                           | --               | --                       | 0      | 1       | 0                   | 999.999  | Pass      |
| CA                   | 150,000 miles | Other                  | NMOG          | 0.0002         | --                           | --               | --                       | 0.0275 | 1       | 0.028               | 999.999  | Pass      |
| CA                   | 150,000 miles | Other                  | NMOG+NOX      | 0.0002         | --                           | --               | --                       | --     | --      | 0.028               | 0.125    | Pass      |
| CA                   | 150,000 miles | Other                  | NOX           | 0              | --                           | --               | --                       | 0      | 1       | 0                   | 999.999  | 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                                     | VCRXT06.2570                               | Evaporative/Refueling Family          | VCRXR0183RR1                        |
|------------------------------------------------|--------------------------------------------|---------------------------------------|-------------------------------------|
| <b>Test #</b>                                  | <b>TCRX10092780</b>                        | <b>Test Procedure</b>                 | <b>90 - US06</b>                    |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 47 - CARB LEV3 E10 Premium Gasoline |
| <b>Test Date</b>                               | 11/21/2025                                 | <b>Fuel</b>                           | Gasoline                            |
| <b>Fuel Batch ID</b>                           | 11460                                      | <b>Fuel Calibration Number</b>        | 1                                   |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | Mfr. Determined                     |
| <b>Verify Test Lab ID</b>                      | CPG                                        |                                       |                                     |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                     |
| <b>Test Start Odometer Reading</b>             | 4062                                       | <b>Odometer Units</b>                 | M                                   |
| <b>4WD Test Dyno</b>                           | No                                         | <b>Diesel Adjustment Factor Usage</b> | --                                  |
| <b>State of Charge Delta</b>                   | No                                         |                                       |                                     |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>           | No                                  |
| <b>Test Results</b>                            |                                            |                                       |                                     |

## Certification Summary Information Report

| Test Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | VCRXT06.2570                              | Evaporative/Refueling Family                             | VCRXR0183RR1 |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------|--------------|------------------|-----------------------|----------------------------------------------------------|----------------------------------|-----------|----|----------------------------------|---------|----|-------------------------------|------|------|---------------------------|---------|----|----------------------------------------------|--------|----|----------------------------------|--------|----|----------------------------------|----------|----|-------------------------------|-------|-------|---------------------------|----------|----|----------------------------------------------|--------|----|-------------------------|----------|----|----------------------|----------|----|----------------------------------------------------|--------|----|--------------------------------------------|--------|----|-------------------------------------------------|--------|----|------------------------------------|------|------|----------------------|----------|----|---------------------------------|----------|----|----------------------------------|----------|----|-------------------------|----------|----|------------------------------|----------|----|
| <table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>CO2 BAG 1 (Bag 1 Carbon Dioxide)</td><td>1098.65</td><td>--</td></tr><tr><td>CO BAG 1 (Bag 1 Carbon Monoxide)</td><td>6.73934</td><td>--</td></tr><tr><td>FE BAG 1 (Bag 1 Fuel Economy)</td><td>7.82</td><td>7.82</td></tr><tr><td>CH4 BAG 1 (Bag 1 Methane)</td><td>0.00335</td><td>--</td></tr><tr><td>NMOG BAG 1 (Bag 1 Non-methane organic gases)</td><td>0.0027</td><td>--</td></tr><tr><td>CO2 BAG 2 (Bag 2 Carbon Dioxide)</td><td>660.61</td><td>--</td></tr><tr><td>CO BAG 2 (Bag 2 Carbon Monoxide)</td><td>2.914693</td><td>--</td></tr><tr><td>FE BAG 2 (Bag 2 Fuel Economy)</td><td>13.03</td><td>13.03</td></tr><tr><td>CH4 BAG 2 (Bag 2 Methane)</td><td>0.001189</td><td>--</td></tr><tr><td>NMOG BAG 2 (Bag 2 Non-methane organic gases)</td><td>0.0003</td><td>--</td></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.001669</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>3.764806</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>-0.439</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>-0.727</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>-0.274</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>11.4</td><td>11.4</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.000231</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.000802</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.000826</td><td>--</td></tr><tr><td>PM (Particulate Matter)</td><td>0.000588</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.002404</td><td>--</td></tr></table> |                                           |                                                          |              | Test Result Name | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) | CO2 BAG 1 (Bag 1 Carbon Dioxide) | 1098.65   | -- | CO BAG 1 (Bag 1 Carbon Monoxide) | 6.73934 | -- | FE BAG 1 (Bag 1 Fuel Economy) | 7.82 | 7.82 | CH4 BAG 1 (Bag 1 Methane) | 0.00335 | -- | NMOG BAG 1 (Bag 1 Non-methane organic gases) | 0.0027 | -- | CO2 BAG 2 (Bag 2 Carbon Dioxide) | 660.61 | -- | CO BAG 2 (Bag 2 Carbon Monoxide) | 2.914693 | -- | FE BAG 2 (Bag 2 Fuel Economy) | 13.03 | 13.03 | CH4 BAG 2 (Bag 2 Methane) | 0.001189 | -- | NMOG BAG 2 (Bag 2 Non-methane organic gases) | 0.0003 | -- | METHANE (CH4 - Methane) | 0.001669 | -- | CO (Carbon Monoxide) | 3.764806 | -- | DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.439 | -- | DT-EER (Drive Trace Energy Economy Rating) | -0.727 | -- | DT-IWRR (Drive Trace Inertia Work Ratio Rating) | -0.274 | -- | MFR FE (Manufacturer Fuel Economy) | 11.4 | 11.4 | NOX (Nitrogen Oxide) | 0.000231 | -- | HC-NM (Non-methane Hydrocarbon) | 0.000802 | -- | NMOG (Non-methane organic gases) | 0.000826 | -- | PM (Particulate Matter) | 0.000588 | -- | HC-TOTAL (Total Hydrocarbon) | 0.002404 | -- |
| Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unrounded Test Result                     | Verify Calculated FE Equivalent Value (miles per gallon) |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1098.65                                   | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| CO BAG 1 (Bag 1 Carbon Monoxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6.73934                                   | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| FE BAG 1 (Bag 1 Fuel Economy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7.82                                      | 7.82                                                     |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| CH4 BAG 1 (Bag 1 Methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.00335                                   | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| NMOG BAG 1 (Bag 1 Non-methane organic gases)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.0027                                    | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 660.61                                    | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| CO BAG 2 (Bag 2 Carbon Monoxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.914693                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| FE BAG 2 (Bag 2 Fuel Economy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 13.03                                     | 13.03                                                    |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| CH4 BAG 2 (Bag 2 Methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.001189                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| NMOG BAG 2 (Bag 2 Non-methane organic gases)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.0003                                    | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| METHANE (CH4 - Methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.001669                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| CO (Carbon Monoxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.764806                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| DT-ASCR (Drive Trace Absolute Speed Change Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -0.439                                    | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| DT-EER (Drive Trace Energy Economy Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -0.727                                    | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -0.274                                    | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| MFR FE (Manufacturer Fuel Economy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11.4                                      | 11.4                                                     |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| NOX (Nitrogen Oxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.000231                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| HC-NM (Non-methane Hydrocarbon)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.000802                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| NMOG (Non-methane organic gases)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.000826                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| PM (Particulate Matter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.000588                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| HC-TOTAL (Total Hydrocarbon)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.002404                                  | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| <table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CREE/OPT-CREE</th></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>764</td><td>--</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                          |              | Test Result Name | Unrounded Test Result | Verify Calculated CREE/OPT-CREE                          | Carbon-Related Exhaust Emissions | 764       | -- |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unrounded Test Result                     | Verify Calculated CREE/OPT-CREE                          |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 764                                       | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| <table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CO2</th></tr><tr><td>Carbon dioxide</td><td>757.97441</td><td>--</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                                          |              | Test Result Name | Unrounded Test Result | Verify Calculated CO2                                    | Carbon dioxide                   | 757.97441 | -- |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unrounded Test Result                     | Verify Calculated CO2                                    |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 757.97441                                 | --                                                       |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |
| Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 26DA-T06.2570-1 us06 4k Sport Fixed cpE10 |                                                          |              |                  |                       |                                                          |                                  |           |    |                                  |         |    |                               |      |      |                           |         |    |                                              |        |    |                                  |        |    |                                  |          |    |                               |       |       |                           |          |    |                                              |        |    |                         |          |    |                      |          |    |                                                    |        |    |                                            |        |    |                                                 |        |    |                                    |      |      |                      |          |    |                                 |          |    |                                  |          |    |                         |          |    |                              |          |    |

## Certification Summary Information Report

| Test Group           |               | VCRXT06.2570           |               |                |     | Evaporative/Refueling Family |                          |        |         | VCRXR0183RR1        |          |           |
|----------------------|---------------|------------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| 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 3 Bin 125 | CO            | 3.76           | --  | --                           | --                       | 0.66   | 1       | 4.4                 | 999.9    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NMOG          | 0.0008         | --  | --                           | --                       | 0.0275 | 1       | 0.028               | 999.999  | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NOX           | 0.0002         | --  | --                           | --                       | 0      | 1       | 0                   | 999.999  | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | PM            | 0.0006         | --  | --                           | --                       | 0      | 1       | 0.001               | 0.006    | Pass      |
| CA                   | 150,000 miles | Other                  | CO            | 3.76           | --  | --                           | --                       | 0.66   | 1       | 4.4                 | 999.9    | Pass      |
| CA                   | 150,000 miles | Other                  | NMOG          | 0.0008         | --  | --                           | --                       | 0.0275 | 1       | 0.028               | 999.999  | Pass      |
| CA                   | 150,000 miles | Other                  | NOX           | 0.0002         | --  | --                           | --                       | 0      | 1       | 0                   | 999.999  | Pass      |
| CA                   | 150,000 miles | Other                  | PM            | 0.0006         | --  | --                           | --                       | 0      | 1       | 0.001               | 0.006    | Pass      |

## Certification Summary Information Report

|                                                |                                            |                                       |                                     |
|------------------------------------------------|--------------------------------------------|---------------------------------------|-------------------------------------|
| <b>Test Group</b>                              | VCRXT06.2570                               | <b>Evaporative/Refueling Family</b>   | VCRXR0183RR1                        |
| <b>Test #</b>                                  | <b>TCRX10092781</b>                        | <b>Test Procedure</b>                 | <b>95 - SC03</b>                    |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 47 - CARB LEV3 E10 Premium Gasoline |
| <b>Test Date</b>                               | 11/21/2025                                 | <b>Fuel</b>                           | Gasoline                            |
| <b>Fuel Batch ID</b>                           | 11460                                      | <b>Fuel Calibration Number</b>        | 1                                   |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | Mfr. Determined                     |
| <b>Verify Test Lab ID</b>                      | CPG                                        |                                       |                                     |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                     |
| <b>Test Start Odometer Reading</b>             | 4079                                       | <b>Odometer Units</b>                 | M                                   |
| <b>4WD Test Dyno</b>                           | No                                         | <b>Diesel Adjustment Factor Usage</b> | --                                  |
| <b>State of Charge Delta</b>                   | No                                         |                                       |                                     |
| <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) |
|-----------------------------------------------------------|-----------------------|----------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0.002744              | --                                                       |
| <b>CO (Carbon Monoxide)</b>                               | 0.647448              | --                                                       |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | 1.0265                | --                                                       |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | 1.8286                | --                                                       |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | 1.6619                | --                                                       |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 8.6                   | 8.6                                                      |
| <b>NOX (Nitrogen Oxide)</b>                               | 0.000024              | --                                                       |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                       |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                       |
| <b>HC-TOTAL (Total Hydrocarbon)</b>                       | 0.001782              | --                                                       |

| Test Result Name                        | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-----------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b> | 1010                  | --                              |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 1008.64862            | --                    |

**Manufacturer Test Comments** 26DA-T06.2570-1 sc03 4k Sport RSF cpE10

Certification Summary Information Report

| Test Group           |               | VCRXT06.2570           |               |                |     | Evaporative/Refueling Family |                          |        |         | VCRXR0183RR1        |          |           |
|----------------------|---------------|------------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| 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 3 Bin 125 | CO            | 0.65           | --  | --                           | --                       | 0.66   | 1       | 1.3                 | 999.9    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NMOG          | 0              | --  | --                           | --                       | 0.0275 | 1       | 0.028               | 999.999  | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 125 | NOX           | 0              | --  | --                           | --                       | 0      | 1       | 0                   | 999.999  | Pass      |
| CA                   | 150,000 miles | Other                  | CO            | 0.65           | --  | --                           | --                       | 0.66   | 1       | 1.3                 | 999.9    | Pass      |
| CA                   | 150,000 miles | Other                  | NMOG          | 0              | --  | --                           | --                       | 0.0275 | 1       | 0.028               | 999.999  | Pass      |
| CA                   | 150,000 miles | Other                  | NOX           | 0              | --  | --                           | --                       | 0      | 1       | 0                   | 999.999  | Pass      |

## Certification Summary Information Report

|                   |              |                                     |              |
|-------------------|--------------|-------------------------------------|--------------|
| <b>Test Group</b> | VCRXT06.2570 | <b>Evaporative/Refueling Family</b> | VCRXR0183RR1 |
|-------------------|--------------|-------------------------------------|--------------|

  
**Emission Data Vehicle Information**

|                                         |               |                                                  |              |
|-----------------------------------------|---------------|--------------------------------------------------|--------------|
| <b>Vehicle ID / Configuration</b>       | V7DS61975 / 0 | <b>Manufacturer Vehicle Configuration Number</b> | 0            |
| <b>Original Test Group Name</b>         | JCRXT03.65PB  | <b>Original Evaporative/Refueling Family</b>     | JCRXR0183RPA |
| <b>Original Test Vehicle Model Year</b> | 2018          |                                                  |              |

**Vehicle Model**

|                                      |     |                                       |          |
|--------------------------------------|-----|---------------------------------------|----------|
| <b>Represented Test Vehicle Make</b> | RAM | <b>Represented Test Vehicle Model</b> | 1500 4X4 |
|--------------------------------------|-----|---------------------------------------|----------|

  
**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, Ethanol |

  

|                                           |                                                                                                 |                                                       |                          |
|-------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------|
| <b>Hybrid Indicator</b>                   | No                                                                                              |                                                       |                          |
| <b>Multiple Fuel Storage</b>              | Fuels Stored Together                                                                           | <b>Multiple Fuel Combustion</b>                       | Fuels Combusted Together |
| <b>Fuel Cell Indicator</b>                | --                                                                                              | <b>Rechargeable Energy Storage System Indicator</b>   | --                       |
| <b>Rechargeable Energy Storage System</b> | --                                                                                              | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                       |
| <b>Off-board charge Capable Indicator</b> | --                                                                                              |                                                       |                          |
| <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 - Initial system miles) * Correction factor |                                                       |                          |
| <b>Odometer Correction Units</b>          | Miles                                                                                           |                                                       |                          |
| <b>Engine Code</b>                        | AA-375                                                                                          | <b>Rated Horsepower</b>                               | 305                      |
| <b>Displacement (liters)</b>              | 3.6                                                                                             |                                                       |                          |
| <b>Air Aspiration Method</b>              | Naturally Aspirated                                                                             | <b>Air Aspiration Method, if 'Other'</b>              |                          |
| <b>Number of Air Aspiration Devices</b>   | 0                                                                                               | <b>Air Aspiration Device Configuration</b>            | --                       |
| <b>Charge Air Cooler Type</b>             | N/A                                                                                             | <b>Drive Mode While Testing</b>                       | 2-Wheel Drive, Rear      |
| <b>Shift Indicator Light Usage</b>        | Not equipped                                                                                    | <b>Aged Emission Components</b>                       | 4,000 (mi)               |
| <b>Curb Weight (lbs)</b>                  | 5292                                                                                            | <b>Equivalent Test Weight (pounds)</b>                | 5500                     |
| <b>GVWR (lbs)</b>                         | 6800                                                                                            | <b>N/V Ratio</b>                                      | 27.7                     |
| <b>Axle Ratio</b>                         | 3.92                                                                                            |                                                       |                          |
| <b>Transmission Type</b>                  | 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> | 66.55   | 0.0068      | 0.04572        | 18.55            | 0.4592      | 0.03779        | 24.2                                                                          |
| <b>US06</b>              | 66.55   | 0.0068      | 0.04572        | 18.55            | 0.4592      | 0.03779        | N/A                                                                           |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                           | VCRXT06.2570                               | <b>Evaporative/Refueling Family</b>   | VCRXR0183RR1                           |                       |                       |                                       |                                                           |                  |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------|----------------------------------------|-----------------------|-----------------------|---------------------------------------|-----------------------------------------------------------|------------------|----|
| <b>Emission Control Device Comments</b>                                                                                                                                                                                                                                                     | --                                         |                                       |                                        |                       |                       |                                       |                                                           |                  |    |
| <b>Manufacturer Test Vehicle Comments</b>                                                                                                                                                                                                                                                   | Callout: 18EV-T03.65PB-2; Evap; LVW        |                                       |                                        |                       |                       |                                       |                                                           |                  |    |
| <b>Test #</b>                                                                                                                                                                                                                                                                               | <b>JCRX10049480</b>                        | <b>Test Procedure</b>                 | <b>27 - California fuel 2-day evap</b> |                       |                       |                                       |                                                           |                  |    |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                    | JCRX10049477                               | <b>Test Fuel Type</b>                 | 46 - CARB LEV3 E10 Regular Gasoline    |                       |                       |                                       |                                                           |                  |    |
| <b>Test Date</b>                                                                                                                                                                                                                                                                            | 06/16/2017                                 | <b>Fuel</b>                           | Gasoline                               |                       |                       |                                       |                                                           |                  |    |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                        | 10465                                      | <b>Fuel Calibration Number</b>        | 1                                      |                       |                       |                                       |                                                           |                  |    |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                        | N/A                                        | <b>DF Type</b>                        | Mfr. Determined                        |                       |                       |                                       |                                                           |                  |    |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                   | CTC                                        |                                       |                                        |                       |                       |                                       |                                                           |                  |    |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                              | Calculated (1.08 x FID Total Hydrocarbons) |                                       |                                        |                       |                       |                                       |                                                           |                  |    |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                          | 4048                                       | <b>Odometer Units</b>                 | M                                      |                       |                       |                                       |                                                           |                  |    |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                        | No                                         | <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>           | No                                     |                       |                       |                                       |                                                           |                  |    |
| <b>Test Results</b>                                                                                                                                                                                                                                                                         |                                            |                                       |                                        |                       |                       |                                       |                                                           |                  |    |
| <table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value</th> </tr> </thead> <tbody> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.40651</td> <td>--</td> </tr> </tbody> </table> |                                            |                                       |                                        | Test Result Name      | Unrounded Test Result | Verify Calculated FE Equivalent Value | HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0.40651          | -- |
| Test Result Name                                                                                                                                                                                                                                                                            | Unrounded Test Result                      | Verify Calculated FE Equivalent Value |                                        |                       |                       |                                       |                                                           |                  |    |
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)                                                                                                                                                                                                                                   | 0.40651                                    | --                                    |                                        |                       |                       |                                       |                                                           |                  |    |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                           |                                            |                                       |                                        |                       |                       |                                       |                                                           |                  |    |
| Callout: 18EV-T03.65PB-2; Cert 2-Day/Evap (cE10) Hot_Soak_HC_(g) = 0.03134, Diurnal (g) = 0.34506; Total =(0.3764 X 1.08) = 0.40651 (g)                                                                                                                                                     |                                            |                                       |                                        |                       |                       |                                       |                                                           |                  |    |
| <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                         | 0.4065                | 0.0057                | 0.412                                 | 0.5                                                       | Pass             |    |
| CA                                                                                                                                                                                                                                                                                          | 150,000 miles                              | Other                                 | HC-TOTAL-EQUIV                         | 0.4065                | 0.0057                | 0.412                                 | 0.5                                                       | Pass             |    |

## Certification Summary Information Report

| Test Group                                     | VCRXT06.2570                               | Evaporative/Refueling Family          | VCRXR0183RR1                    |
|------------------------------------------------|--------------------------------------------|---------------------------------------|---------------------------------|
| <b>Test #</b>                                  | <b>JCRX10049481</b>                        | <b>Test Procedure</b>                 | <b>38 - CA fuel 3-day evap.</b> |
| <b>Exhaust Test # for this Evap Test</b>       | JCRX10049478                               | <b>Test Fuel Type</b>                 | 46 - CARB LEV3 E10 Regular      |
| <b>Test Date</b>                               | 06/23/2017                                 | <b>Fuel</b>                           | Gasoline                        |
| <b>Fuel Batch ID</b>                           | 10465                                      | <b>Fuel Calibration Number</b>        | 1                               |
| <b>Vehicle Class</b>                           | N/A                                        | <b>DF Type</b>                        | Mfr. Determined                 |
| <b>Verify Test Lab ID</b>                      | CTC                                        |                                       |                                 |
| <b>E10 Evaporative Test Measurement Method</b> | Calculated (1.08 x FID Total Hydrocarbons) |                                       |                                 |
| <b>Test Start Odometer Reading</b>             | 4155                                       | <b>Odometer Units</b>                 | M                               |
| <b>4WD Test Dyno</b>                           | No                                         | <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>           | No                              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value |
|-----------------------------------------------------------|-----------------------|---------------------------------------|
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0.30129               | --                                    |

## Manufacturer Test Comments

Callout: 18EV-T03.65PB-2; Cert 3-Day/Evap (cE10) Hot\_Soak\_HC\_(g) = 0.04999 , Diurnal (g) = 0.22898; Total =(0.27897 X 1.08) = 0.30129 (g)

| 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 | 0.3013         | 0.009  | 0.31                | 0.5      | Pass      |
| CA                   | 150,000 miles | Other               | HC-TOTAL-EQUIV | 0.3013         | 0.009  | 0.31                | 0.5      | Pass      |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                           | VCRXT06.2570                                                      | <b>Evaporative/Refueling Family</b>   | VCRXR0183RR1                             |                       |                       |                                       |                                                           |                  |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------|------------------------------------------|-----------------------|-----------------------|---------------------------------------|-----------------------------------------------------------|------------------|----|
| <b>Test #</b>                                                                                                                                                                                                                                                                               | JCRX10049482                                                      | <b>Test Procedure</b>                 | <b>37 - California Fuel Running Loss</b> |                       |                       |                                       |                                                           |                  |    |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                    | JCRX10049478                                                      | <b>Test Fuel Type</b>                 | 46 - CARB LEV3 E10 Regular Gasoline      |                       |                       |                                       |                                                           |                  |    |
| <b>Test Date</b>                                                                                                                                                                                                                                                                            | 06/23/2017                                                        | <b>Fuel</b>                           | Gasoline                                 |                       |                       |                                       |                                                           |                  |    |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                        | 10465                                                             | <b>Fuel Calibration Number</b>        | 1                                        |                       |                       |                                       |                                                           |                  |    |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                        | N/A                                                               | <b>DF Type</b>                        | Mfr. Determined                          |                       |                       |                                       |                                                           |                  |    |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                   | CTC                                                               |                                       |                                          |                       |                       |                                       |                                                           |                  |    |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                              | Actual Total Hydrocarbon Equivalent Measurement (with speciation) |                                       |                                          |                       |                       |                                       |                                                           |                  |    |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                          | 4138                                                              | <b>Odometer Units</b>                 | M                                        |                       |                       |                                       |                                                           |                  |    |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                        | No                                                                | <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>           | No                                       |                       |                       |                                       |                                                           |                  |    |
| <b>Test Results</b>                                                                                                                                                                                                                                                                         |                                                                   |                                       |                                          |                       |                       |                                       |                                                           |                  |    |
| <table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value</th> </tr> </thead> <tbody> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.00012</td> <td>--</td> </tr> </tbody> </table> |                                                                   |                                       |                                          | Test Result Name      | Unrounded Test Result | Verify Calculated FE Equivalent Value | HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0.00012          | -- |
| Test Result Name                                                                                                                                                                                                                                                                            | Unrounded Test Result                                             | Verify Calculated FE Equivalent Value |                                          |                       |                       |                                       |                                                           |                  |    |
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)                                                                                                                                                                                                                                   | 0.00012                                                           | --                                    |                                          |                       |                       |                                       |                                                           |                  |    |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                           |                                                                   |                                       |                                          |                       |                       |                                       |                                                           |                  |    |
| Callout: 18EV-T03.65PB-2; Cert 3-Day/Evap (cE10) RL =0.00012 g/mile                                                                                                                                                                                                                         |                                                                   |                                       |                                          |                       |                       |                                       |                                                           |                  |    |
| <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                     | 0                     | 0                                     | 0.05                                                      | Pass             |    |
| CA                                                                                                                                                                                                                                                                                          | 150,000 miles                                                     | Other                                 | HC-TOTAL-EQUIV                           | 0                     | 0                     | 0                                     | 0.05                                                      | Pass             |    |

|                                                                                                                                                                                                                   |                                           |                                       |                                         |                  |                       |                                       |                                            |      |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------|-----------------------------------------|------------------|-----------------------|---------------------------------------|--------------------------------------------|------|----|
| Test Group                                                                                                                                                                                                        | VCRXT06.2570                              | Evaporative/Refueling Family          | VCRXR0183RR1                            |                  |                       |                                       |                                            |      |    |
| Test #                                                                                                                                                                                                            | JCRX10049483                              | Test Procedure                        | 24 - Federal fuel refueling test (ORVR) |                  |                       |                                       |                                            |      |    |
| Exhaust Test # for this Evap Test                                                                                                                                                                                 | JCRX10049479                              | Test Fuel Type                        | 46 - CARB LEV3 E10 Regular Gasoline     |                  |                       |                                       |                                            |      |    |
| Test Date                                                                                                                                                                                                         | 07/08/2017                                | Fuel                                  | Gasoline                                |                  |                       |                                       |                                            |      |    |
| Fuel Batch ID                                                                                                                                                                                                     | 10465                                     | Fuel Calibration Number               | 1                                       |                  |                       |                                       |                                            |      |    |
| Vehicle Class                                                                                                                                                                                                     | N/A                                       | DF Type                               | Mfr. Determined                         |                  |                       |                                       |                                            |      |    |
| Verify Test Lab ID                                                                                                                                                                                                | CTC                                       |                                       |                                         |                  |                       |                                       |                                            |      |    |
| E10 Evaporative Test Measurement Method                                                                                                                                                                           | --                                        |                                       |                                         |                  |                       |                                       |                                            |      |    |
| Test Start Odometer Reading                                                                                                                                                                                       | 4298                                      | Odometer Units                        | M                                       |                  |                       |                                       |                                            |      |    |
| 4WD Test Dyno                                                                                                                                                                                                     | No                                        | Diesel Adjustment Factor Usage        | --                                      |                  |                       |                                       |                                            |      |    |
| State of Charge Delta                                                                                                                                                                                             | --                                        |                                       |                                         |                  |                       |                                       |                                            |      |    |
| Drive Cycle Speed Tolerance Criteria                                                                                                                                                                              | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | Road Speed Fan Usage                  | No                                      |                  |                       |                                       |                                            |      |    |
| Test Results                                                                                                                                                                                                      |                                           |                                       |                                         |                  |                       |                                       |                                            |      |    |
| <table><tr><td>Test Result Name</td><td>Unrounded Test Result</td><td>Verify Calculated FE Equivalent Value</td></tr><tr><td>HC (Hydrocarbon for Running Loss and ORVR)</td><td>0.03</td><td>--</td></tr></table> |                                           |                                       |                                         | Test Result Name | Unrounded Test Result | Verify Calculated FE Equivalent Value | HC (Hydrocarbon for Running Loss and ORVR) | 0.03 | -- |
| Test Result Name                                                                                                                                                                                                  | Unrounded Test Result                     | Verify Calculated FE Equivalent Value |                                         |                  |                       |                                       |                                            |      |    |
| HC (Hydrocarbon for Running Loss and ORVR)                                                                                                                                                                        | 0.03                                      | --                                    |                                         |                  |                       |                                       |                                            |      |    |
| Manufacturer Test Comments      Callout: 18EV-T03.65PB-2; Cert ORVR(cE10)=0.030 g/gallons                                                                                                                         |                                           |                                       |                                         |                  |                       |                                       |                                            |      |    |
| 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                                      | 0.03             | 0                     | 0.03                                  | 0.2                                        | Pass |    |
| CA                                                                                                                                                                                                                | 150,000 miles                             | Other                                 | HC                                      | 0.03             | 0                     | 0.03                                  | 0.2                                        | Pass |    |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                          | VCRXT06.2570                               | <b>Evaporative/Refueling Family</b>   | VCRXR0183RR1                         |                       |                       |                                       |                                                           |                  |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------|--------------------------------------|-----------------------|-----------------------|---------------------------------------|-----------------------------------------------------------|------------------|----|
| <b>Test #</b>                                                                                                                                                                                                                                                                              | JCRX10074520                               | <b>Test Procedure</b>                 | <b>65 - Evap Canister Bleed Test</b> |                       |                       |                                       |                                                           |                  |    |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                   | --                                         | <b>Test Fuel Type</b>                 | 46 - CARB LEV3 E10 Regular Gasoline  |                       |                       |                                       |                                                           |                  |    |
| <b>Test Date</b>                                                                                                                                                                                                                                                                           | 03/10/2017                                 | <b>Fuel</b>                           | Gasoline                             |                       |                       |                                       |                                                           |                  |    |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                       | --                                         | <b>Fuel Calibration Number</b>        | --                                   |                       |                       |                                       |                                                           |                  |    |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                       | N/A                                        | <b>DF Type</b>                        | Mfr. Determined                      |                       |                       |                                       |                                                           |                  |    |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                  | Sterling Performance                       |                                       |                                      |                       |                       |                                       |                                                           |                  |    |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                             | Calculated (1.08 x FID Total Hydrocarbons) |                                       |                                      |                       |                       |                                       |                                                           |                  |    |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                         | 0                                          | <b>Odometer Units</b>                 | M                                    |                       |                       |                                       |                                                           |                  |    |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                       | No                                         | <b>Diesel Adjustment Factor Usage</b> | --                                   |                       |                       |                                       |                                                           |                  |    |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                               | --                                         |                                       |                                      |                       |                       |                                       |                                                           |                  |    |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                | --                                         | <b>Road Speed Fan Usage</b>           | --                                   |                       |                       |                                       |                                                           |                  |    |
| <b>Test Results</b>                                                                                                                                                                                                                                                                        |                                            |                                       |                                      |                       |                       |                                       |                                                           |                  |    |
| <table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value</th> </tr> </thead> <tbody> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.0058</td> <td>--</td> </tr> </tbody> </table> |                                            |                                       |                                      | Test Result Name      | Unrounded Test Result | Verify Calculated FE Equivalent Value | HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0.0058           | -- |
| Test Result Name                                                                                                                                                                                                                                                                           | Unrounded Test Result                      | Verify Calculated FE Equivalent Value |                                      |                       |                       |                                       |                                                           |                  |    |
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)                                                                                                                                                                                                                                  | 0.0058                                     | --                                    |                                      |                       |                       |                                       |                                                           |                  |    |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                          |                                            |                                       |                                      |                       |                       |                                       |                                                           |                  |    |
| Test run on a rig with aged components (not actual vehicle)                                                                                                                                                                                                                                |                                            |                                       |                                      |                       |                       |                                       |                                                           |                  |    |
| <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                       | 0.0058                | 0                     | 0.006                                 | 0.02                                                      | Pass             |    |
| CA                                                                                                                                                                                                                                                                                         | 150,000 miles                              | Other                                 | HC-TOTAL-EQUIV                       | 0.0058                | 0                     | 0.006                                 | 0.02                                                      | Pass             |    |

## Certification Summary Information Report

| Test Group                                                                | VCRXT06.2570                               | Evaporative/Refueling Family                                              | VCRXR0183RR1 |
|---------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------|--------------|
| <b>Fuel Properties</b>                                                    |                                            |                                                                           |              |
| <b>Fuel Batch ID</b>                                                      | <b>10465</b>                               | <b>Fuel Calibration Number</b>                                            | <b>1</b>     |
| <b>Test Fuel Type</b>                                                     | 46 - CARB LEV3 E10 Regular Gasoline        | <b>Fuel Batch Calibration Date</b>                                        | 06/13/2017   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 06/13/2017                                 | <b>Fuel Batch Calibration Ineffective Date</b>                            | --           |
| <b>Carbon Weight Fraction NMHC</b>                                        | 0.824                                      | <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>                                              | 0.749        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | 9.7                                        | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | 17987        |
| <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> | 0.824                                      | <b>Weight Fraction CO2</b>                                                | --           |
| <b>Fuel Batch ID</b>                                                      | <b>11460</b>                               | <b>Fuel Calibration Number</b>                                            | <b>1</b>     |
| <b>Test Fuel Type</b>                                                     | 47 - CARB LEV3 E10 Premium Gasoline        | <b>Fuel Batch Calibration Date</b>                                        | 11/18/2025   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 11/18/2025                                 | <b>Fuel Batch Calibration Ineffective Date</b>                            | --           |
| <b>Carbon Weight Fraction NMHC</b>                                        | 0.827                                      | <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>                                              | 0.745        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | 9.4                                        | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | --           |
| <b>Fuel Net Heat of Combustion (E10) (MJ/kg)</b>                          | 41.591                                     | <b>Fuel Carbon Mass Fraction (E10)</b>                                    | 0.827        |
| <b>Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)</b> | --                                         | <b>Weight Fraction CO2</b>                                                | --           |
| <b>Fuel Batch ID</b>                                                      | <b>11427</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>                                        | 07/09/2025   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 07/09/2025                                 | <b>Fuel Batch Calibration Ineffective Date</b>                            | --           |
| <b>Carbon Weight Fraction NMHC</b>                                        | 0.827                                      | <b>Carbon Weight Fraction HC</b>                                          | --           |
| <b>Exhaust Carbon Weight Fraction</b>                                     | --                                         | <b>Fuel Methanol Volume Fraction</b>                                      | 0            |
| <b>Fuel Density (grams/cubic ft)</b>                                      | --                                         | <b>Fuel Specific Gravity</b>                                              | 0.743        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | 10                                         | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | --           |
| <b>Fuel Net Heat of Combustion (E10) (MJ/kg)</b>                          | 41.352                                     | <b>Fuel Carbon Mass Fraction (E10)</b>                                    | 0.827        |
| <b>Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)</b> | --                                         | <b>Weight Fraction CO2</b>                                                | --           |

## Certification Summary Information Report

|                                |               |                                            |     |             |                                 |                                   |                                            |        |         |
|--------------------------------|---------------|--------------------------------------------|-----|-------------|---------------------------------|-----------------------------------|--------------------------------------------|--------|---------|
| Test Group                     |               | VCRXT06.2570                               |     |             | Evaporative/Refueling Family    |                                   | VCRXR0183RR1                               |        |         |
| Consolidated List of Standards |               |                                            |     |             |                                 |                                   |                                            |        |         |
| Exhaust Standards              |               |                                            |     |             |                                 |                                   |                                            |        |         |
| Cert Region                    |               | Federal                                    |     |             | Cert/In-Use Code                |                                   | Cert                                       |        |         |
| Vehicle Class                  |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   | Federal Tier 3 Bin 125                     |        |         |
| 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            | --                                         | --  | --          | --                              | --                                | 1                                          | 0.09   | 12.5    |
| 150,000 miles                  | HC-NM         | --                                         | --  | --          | --                              | --                                | 1                                          | 0.02   | 0.4     |
|                                |               |                                            |     |             |                                 |                                   |                                            |        |         |
| Cert Region                    |               | California + CAA Section 177 states        |     |             | Cert/In-Use Code                |                                   | Cert                                       |        |         |
| Vehicle Class                  |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   | Other                                      |        |         |
| Fuel                           |               | Gasoline                                   |     |             | Test Procedure                  |                                   | California fuel 2-day exhaust (w/can load) |        |         |
| 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            | --                                         | --  | --          | --                              | --                                | 1                                          | 0.66   | 2.1     |
| 150,000 miles                  | CO-COMP       | --                                         | --  | --          | --                              | --                                | 1                                          | 0.66   | 4.2     |
| 150,000 miles                  | HCHO          | --                                         | --  | --          | --                              | --                                | 1                                          | 0      | 0.004   |
| 150,000 miles                  | METHANE       | --                                         | --  | --          | --                              | --                                | 1                                          | 0.0155 | 0.030   |
| 150,000 miles                  | N2O           | --                                         | --  | --          | --                              | --                                | 1                                          | 0.0002 | 0.010   |
| 150,000 miles                  | NMOG          | --                                         | --  | --          | --                              | --                                | 1                                          | 0.0275 | 999.999 |
| 150,000 miles                  | NMOG+NOX      | --                                         | --  | --          | --                              | --                                | 1                                          | 0      | 0.125   |
| 150,000 miles                  | NMOG+NOX-COMP | --                                         | --  | --          | --                              | --                                | 1                                          | 0      | 0.125   |
| 150,000 miles                  | NOX           | --                                         | --  | --          | --                              | --                                | 1                                          | 0      | 999.999 |
| 150,000 miles                  | PM            | --                                         | --  | --          | --                              | --                                | 1                                          | 0      | 0.003   |
|                                |               |                                            |     |             |                                 |                                   |                                            |        |         |

## Certification Summary Information Report

|                      |                      |                                            |            |                    |                                        |                                          |                |                        |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|------------------------|------------|
| <b>Test Group</b>    |                      | VCRXT06.2570                               |            |                    | <b>Evaporative/Refueling Family</b>    |                                          |                | VCRXR0183RR1           |            |
| <b>Cert Region</b>   |                      | Federal                                    |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert                   |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Federal Tier 3 Bin 125 |            |
| <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> |
| 150,000 miles        | CREE                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                      | 999        |
| 150,000 miles        | NMOG                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0275                 | 999.999    |
| 150,000 miles        | NMOG+NOX             | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                      | 0.125      |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                      | 999.999    |

|                      |                      |                                            |            |                    |                                        |                                          |                |                        |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|------------------------|------------|
| <b>Cert Region</b>   |                      | Federal                                    |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert                   |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Federal Tier 3 Bin 125 |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | SC03                   |            |
| <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                   | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.66                   | 999.9      |
| 150,000 miles        | NMOG                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0275                 | 999.999    |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                      | 999.999    |

## Certification Summary Information Report

|                      |                      |                                            |            |                    |                                        |                                          |                |                                            |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|--------------------------------------------|------------|
| <b>Test Group</b>    |                      | VCRXT06.2570                               |            |                    | <b>Evaporative/Refueling Family</b>    |                                          |                | VCRXR0183RR1                               |            |
| <b>Cert Region</b>   |                      | Federal                                    |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert                                       |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Federal Tier 3 Bin 125                     |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | California 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                   | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.66                                       | 2.1        |
| 150,000 miles        | CO-COMP              | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.66                                       | 4.2        |
| 150,000 miles        | CREE                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                          | 999        |
| 150,000 miles        | HCHO                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                          | 0.004      |
| 150,000 miles        | METHANE              | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0155                                     | 0.030      |
| 150,000 miles        | N2O                  | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0002                                     | 0.010      |
| 150,000 miles        | NMOG                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0275                                     | 999.999    |
| 150,000 miles        | NMOG+NOX             | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                          | 0.125      |
| 150,000 miles        | NMOG+NOX-COMP        | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                          | 0.125      |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                          | 999.999    |
| 150,000 miles        | PM                   | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                          | 0.003      |
|                      |                      |                                            |            |                    |                                        |                                          |                |                                            |            |
| <b>Cert Region</b>   |                      | Federal                                    |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert                                       |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Federal Tier 3 Bin 125                     |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | US06                                       |            |
| <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                   | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.66                                       | 999.9      |
| 150,000 miles        | NMOG                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0275                                     | 999.999    |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                          | 999.999    |
| 150,000 miles        | PM                   | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                          | 0.006      |

## Certification Summary Information Report

|                      |                                            |                       |            |                              |                                        |                                          |                |               |            |
|----------------------|--------------------------------------------|-----------------------|------------|------------------------------|----------------------------------------|------------------------------------------|----------------|---------------|------------|
| <b>Test Group</b>    | VCRXT06.2570                               |                       |            | Evaporative/Refueling Family |                                        |                                          | VCRXR0183RR1   |               |            |
| <b>Cert Region</b>   | California + CAA Section 177 states        |                       |            | <b>Cert/In-Use Code</b>      |                                        |                                          | Cert           |               |            |
| <b>Vehicle Class</b> | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |                       |            | <b>Standard Level</b>        |                                        |                                          | Other          |               |            |
| <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> |
| 150,000 miles        | NMOG                                       | --                    | --         | --                           | --                                     | --                                       | 1              | 0.0275        | 999.999    |
| 150,000 miles        | NMOG+NOX                                   | --                    | --         | --                           | --                                     | --                                       | 1              | 0             | 0.125      |
| 150,000 miles        | NOX                                        | --                    | --         | --                           | --                                     | --                                       | 1              | 0             | 999.999    |

|                      |                                            |                       |            |                         |                                        |                                          |                |               |            |
|----------------------|--------------------------------------------|-----------------------|------------|-------------------------|----------------------------------------|------------------------------------------|----------------|---------------|------------|
| <b>Cert Region</b>   | California + CAA Section 177 states        |                       |            | <b>Cert/In-Use Code</b> |                                        |                                          | Cert           |               |            |
| <b>Vehicle Class</b> | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |                       |            | <b>Standard Level</b>   |                                        |                                          | Other          |               |            |
| <b>Fuel</b>          | Gasoline                                   |                       |            | <b>Test Procedure</b>   |                                        |                                          | US06           |               |            |
| <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                                         | --                    | --         | --                      | --                                     | --                                       | 1              | 0.66          | 999.9      |
| 150,000 miles        | NMOG                                       | --                    | --         | --                      | --                                     | --                                       | 1              | 0.0275        | 999.999    |
| 150,000 miles        | NOX                                        | --                    | --         | --                      | --                                     | --                                       | 1              | 0             | 999.999    |
| 150,000 miles        | PM                                         | --                    | --         | --                      | --                                     | --                                       | 1              | 0             | 0.006      |

|                      |                                            |                       |            |                         |                                        |                                          |                |               |            |
|----------------------|--------------------------------------------|-----------------------|------------|-------------------------|----------------------------------------|------------------------------------------|----------------|---------------|------------|
| <b>Cert Region</b>   | California + CAA Section 177 states        |                       |            | <b>Cert/In-Use Code</b> |                                        |                                          | Cert           |               |            |
| <b>Vehicle Class</b> | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |                       |            | <b>Standard Level</b>   |                                        |                                          | Other          |               |            |
| <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                                         | --                    | --         | --                      | --                                     | --                                       | 1              | 0.09          | 12.5       |

## Certification Summary Information Report

|                      |                      |                                            |            |                    |                                        |                                          |                |               |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|---------------|------------|
| <b>Test Group</b>    |                      | VCRXT06.2570                               |            |                    | <b>Evaporative/Refueling Family</b>    |                                          |                | VCRXR0183RR1  |            |
| <b>Cert Region</b>   |                      | California + CAA Section 177 states        |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert          |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Other         |            |
| <b>Fuel</b>          |                      | Gasoline                                   |            |                    | <b>Test Procedure</b>                  |                                          |                | SC03          |            |
| <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                   | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.66          | 999.9      |
| 150,000 miles        | NMOG                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0275        | 999.999    |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | 1              | 0             | 999.999    |

|                      |                      |                                            |            |                    |                                        |                                          |                |                                         |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|-----------------------------------------|------------|
| <b>Cert Region</b>   |                      | Federal                                    |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert                                    |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Federal Tier 3 Bin 125                  |            |
| <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        | CREE                 | --                                         | --         | --                 | --                                     | --                                       | 1              | 0                                       | 999        |
| 150,000 miles        | METHANE              | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0155                                  | 0.030      |
| 150,000 miles        | N2O                  | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0002                                  | 0.010      |

|                      |                      |                                            |            |                    |                                        |                                          |                |                                         |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|-----------------------------------------|------------|
| <b>Cert Region</b>   |                      | California + CAA Section 177 states        |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert                                    |            |
| <b>Vehicle Class</b> |                      | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |            |                    | <b>Standard Level</b>                  |                                          |                | Other                                   |            |
| <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        | METHANE              | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0155                                  | 0.030      |
| 150,000 miles        | N2O                  | --                                         | --         | --                 | --                                     | --                                       | 1              | 0.0002                                  | 0.010      |

## Evaporative/Refueling Standards

## Certification Summary Information Report

|                              |               |                                    |                |                              |        |                                     |  |
|------------------------------|---------------|------------------------------------|----------------|------------------------------|--------|-------------------------------------|--|
| Test Group                   |               | VCRXT06.2570                       |                | Evaporative/Refueling Family |        | VCRXR0183RR1                        |  |
| Evaporative/Refueling Family |               | VCRXR0183RR1                       |                | Cert Region                  |        | Federal                             |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Federal Tier 3 Evap                 |  |
| Test Procedure               |               | CA fuel 3-day evap.                |                |                              |        |                                     |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.500                        | 0.009  |                                     |  |
|                              |               |                                    |                |                              |        |                                     |  |
| Evaporative/Refueling Family |               | VCRXR0183RR1                       |                | Cert Region                  |        | California + CAA Section 177 states |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Other                               |  |
| Test Procedure               |               | California 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 |               | VCRXR0183RR1                       |                | Cert Region                  |        | Federal                             |  |
| Cert/In-Use Code             |               | Cert                               |                | 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      |                                     |  |
|                              |               |                                    |                |                              |        |                                     |  |
| Evaporative/Refueling Family |               | VCRXR0183RR1                       |                | Cert Region                  |        | Federal                             |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Federal Tier 3 Evap                 |  |
| Test Procedure               |               | California fuel 2-day evap         |                |                              |        |                                     |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.500                        | 0.0057 |                                     |  |
|                              |               |                                    |                |                              |        |                                     |  |
| Evaporative/Refueling Family |               | VCRXR0183RR1                       |                | Cert Region                  |        | Federal                             |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Federal Tier 3 Evap                 |  |
| Test Procedure               |               | Evap Canister Bleed Test           |                |                              |        |                                     |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.020                        | 0      |                                     |  |
|                              |               |                                    |                |                              |        |                                     |  |
| Evaporative/Refueling Family |               | VCRXR0183RR1                       |                | Cert Region                  |        | California + CAA Section 177 states |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Other                               |  |
| Test Procedure               |               | California fuel 2-day evap         |                |                              |        |                                     |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.500                        | 0.0057 |                                     |  |

## Certification Summary Information Report

|                              |               |                                    |                |                              |        |                                     |  |
|------------------------------|---------------|------------------------------------|----------------|------------------------------|--------|-------------------------------------|--|
| Test Group                   |               | VCRXT06.2570                       |                | Evaporative/Refueling Family |        | VCRXR0183RR1                        |  |
| Evaporative/Refueling Family |               | VCRXR0183RR1                       |                | Cert Region                  |        | Federal                             |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Federal Tier 3 Evap                 |  |
| Test Procedure               |               | California 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 |               | VCRXR0183RR1                       |                | Cert Region                  |        | California + CAA Section 177 states |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Other                               |  |
| Test Procedure               |               | CA fuel 3-day evap.                |                |                              |        |                                     |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.500                        | 0.009  |                                     |  |
|                              |               |                                    |                |                              |        |                                     |  |
| Evaporative/Refueling Family |               | VCRXR0183RR1                       |                | Cert Region                  |        | California + CAA Section 177 states |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Other                               |  |
| 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      |                                     |  |
|                              |               |                                    |                |                              |        |                                     |  |
| Evaporative/Refueling Family |               | VCRXR0183RR1                       |                | Cert Region                  |        | California + CAA Section 177 states |  |
| Cert/In-Use Code             |               | Cert                               |                | Standard Level               |        | Other                               |  |
| Test Procedure               |               | Evap Canister Bleed Test           |                |                              |        |                                     |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.020                        | 0      |                                     |  |

## Certification Summary Information Report

| Test Group     |                                                                 | VCRXT06.2570 | Evaporative/Refueling Family |                                                    | VCRXR0183RR1 |
|----------------|-----------------------------------------------------------------|--------------|------------------------------|----------------------------------------------------|--------------|
| Glossary       |                                                                 |              |                              |                                                    |              |
| Useful Life    |                                                                 |              |                              |                                                    |              |
| 4              | 4,000 miles                                                     |              | 120                          | 120,000 miles                                      |              |
| 50             | 50,000 miles                                                    |              | 150                          | 150,000 miles                                      |              |
| 100            | 100,000 miles                                                   |              |                              |                                                    |              |
| Emission Name  |                                                                 |              |                              |                                                    |              |
| 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                             |                                                            | VCRXT06.2570 | Evaporative/Refueling Family |                                                 | VCRXR0183RR1 |
|----------------------------------------|------------------------------------------------------------|--------------|------------------------------|-------------------------------------------------|--------------|
| 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                       |              |

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| Test Group                    |                                                                   | VCRXT06.2570 | Evaporative/Refueling Family                             |                            | VCRXR0183RR1 |
|-------------------------------|-------------------------------------------------------------------|--------------|----------------------------------------------------------|----------------------------|--------------|
| 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                    |                                 | VCRXT06.2570 | Evaporative/Refueling Family |                                  | VCRXR0183RR1 |
|-------------------------------|---------------------------------|--------------|------------------------------|----------------------------------|--------------|
| 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                     |              |