

**Certification Summary Information Report**

|                                   |                    |                                     |                        |
|-----------------------------------|--------------------|-------------------------------------|------------------------|
| <b>Manufacturer</b>               | Ford Motor Company | <b>Manufacturer Code</b>            | FMX                    |
| <b>Test Group</b>                 | VFMXT03.33F1       | <b>Evaporative/Refueling Family</b> | VFMXR0165LDG           |
| <b>Certificate Number</b>         | VFMXT03.33F1-027   | <b>CARB Executive Order #</b>       | --                     |
| <b>Certificate Issue Date</b>     | 07/22/2026         | <b>Certificate Revision Date</b>    | --                     |
| <b>Certificate Effective Date</b> | 07/22/2026         | <b>Conditional Certificate</b>      | No                     |
| <b>CSI Revision #</b>             | --                 | <b>CSI Submission/Revision Date</b> | 05/18/2026 10:23:30 AM |
| <b>Model Year</b>                 | 2027               |                                     |                        |

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|                   |              |                                     |              |
|-------------------|--------------|-------------------------------------|--------------|
| <b>Test Group</b> | VFMXT03.33F1 | <b>Evaporative/Refueling Family</b> | VFMXR0165LDG |
|-------------------|--------------|-------------------------------------|--------------|

  
**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 | Spark Ignition direct & ported injection | No                           |

**Drive Source #2:** Electric Motor

| Fuel        | Basic Fuel Metering System | Lean Burn Strategy Indicator |
|-------------|----------------------------|------------------------------|
| Electricity | --                         | No                           |

  

|                                                     |                                                                                                                   |                                                            |              |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------|
| <b>Hybrid Indicator</b>                             | Yes                                                                                                               |                                                            |              |
| <b>Multiple Fuel Storage</b>                        | --                                                                                                                | <b>Rechargeable Energy Storage System Indicator</b>        | Yes          |
| <b>Multiple Fuel Combustion</b>                     | --                                                                                                                | <b>Off-board Charge Capable Indicator</b>                  | No           |
| <b>Fuel Cell Indicator</b>                          | No                                                                                                                | <b>EPA Vehicle Class</b>                                   | LDT4         |
| <b>Federal Clean Fuel Vehicle</b>                   | No                                                                                                                | <b>Federal Clean Fuel Vehicle Standard</b>                 | --           |
| <b>Federal Clean Fuel Vehicle ILEV</b>              | No                                                                                                                | <b>California Partial Zero Emissions Vehicle Indicator</b> | No           |
| <b>Durability Group Name</b>                        | VFMXHHGVNE2A                                                                                                      | <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>              | 08/10/2026                                                                                                        | <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>                | VFMXT03.33F1 |
| <b>Test Group OBD Compliance Level</b>              | Partial - with deficiencies                                                                                       | <b>Number of Test Group OBD Deficiencies</b>               | 3            |
| <b>OBD Deficiencies Comments</b>                    | --                                                                                                                |                                                            |              |
| <b>Mfr Test Group Comments</b>                      | EPA City Litmus Value: 14.0 mpg City Threshold: 13.7 mpg. EPA Hwy Litmus Value: 23.0 mpg Hwy Threshold: 21.8 mpg. |                                                            |              |
| <b>Mfr Exhaust / Evap Standards Comments</b>        | --                                                                                                                |                                                            |              |

## Certification Summary Information Report

|                                                                             |                                                  |                                                           |                                     |                                                          |                                                         |                     |                       |
|-----------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------|-------------------------------------|----------------------------------------------------------|---------------------------------------------------------|---------------------|-----------------------|
| <b>Test Group</b>                                                           | VFMXT03.33F1                                     | <b>Evaporative/Refueling Family</b>                       | VFMXR0165LDG                        |                                                          |                                                         |                     |                       |
| <b>Evaporative/Refueling Family Information</b>                             |                                                  |                                                           |                                     |                                                          |                                                         |                     |                       |
| <b>Evaporative Summary Information Type</b>                                 | New                                              | <b>Submission/Correction Date</b>                         | 04/29/2026 10:15:27 AM              |                                                          |                                                         |                     |                       |
| <b>Integrated ORVR?</b>                                                     | No                                               | <b>Fuel(s)</b>                                            | Electricity, Gasoline               |                                                          |                                                         |                     |                       |
| <b>Multiple Fuel Storage</b>                                                | Fuels Stored Separately                          |                                                           |                                     |                                                          |                                                         |                     |                       |
| <b>Bladder Fuel Tank?</b>                                                   | No                                               |                                                           |                                     |                                                          |                                                         |                     |                       |
| <b>Fuel Tank Material</b>                                                   | Plastic                                          | <b>Fuel Tank Material Description</b>                     | Plastic                             |                                                          |                                                         |                     |                       |
| <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> | AIS HC Trap in Air Induction System |                                                          |                                                         |                     |                       |
| <b>Fuel System Vapor Storage Canister?</b>                                  | Yes                                              | <b>Other Vapor Storage</b>                                | 1 X 2.6L HA 3-port Rect.            |                                                          |                                                         |                     |                       |
| <b>Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)</b> | 165                                              | <b>Number of Primary Canisters</b>                        | 1                                   |                                                          |                                                         |                     |                       |
| <b>Number of Bleed Canisters</b>                                            | 0                                                | <b>Bleed Canister Total Working Capacity (grams)</b>      | --                                  |                                                          |                                                         |                     |                       |
| <b>Mfr Evaporative/Refueling Family Comments</b>                            | --                                               |                                                           |                                     |                                                          |                                                         |                     |                       |
| <b>Leak Family Details</b>                                                  |                                                  |                                                           |                                     |                                                          |                                                         |                     |                       |
| <b>Leak Family Indicator</b>                                                | Yes                                              |                                                           |                                     |                                                          |                                                         |                     |                       |
| <b>Canister Bleed Test Indicator</b>                                        | No                                               | <b>Applicability of Evaporative Canister Bleed Test</b>   | --                                  |                                                          |                                                         |                     |                       |
| <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>      |                                                          |                                                         |                     |                       |
| VFMXR0165LDG-001                                                            | 50 State                                         | 0.02                                                      | VFMXR0165LDG-001                    |                                                          |                                                         |                     |                       |
| <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> |
| Ford Motor Company                                                          | 1 - Ford                                         | 170 - INTERCEPTOR UTILITY HEV AWD                         | California + CAA Section 177 states | Part-time 4-Wheel Drive                                  | Automatic                                               | 10                  | Yes                   |
| Ford Motor Company                                                          | 1 - Ford                                         | 170 - INTERCEPTOR UTILITY HEV AWD                         | Federal                             | Part-time 4-Wheel Drive                                  | Automatic                                               | 10                  | Yes                   |
| <b>Engine Description</b>                                                   |                                                  |                                                           |                                     |                                                          |                                                         |                     |                       |
| <b>Hybrid Type</b>                                                          | IC Engine/Electric Motor                         |                                                           |                                     | <b>Hybrid Description</b>                                | --                                                      |                     |                       |
| <b>Engine Type</b>                                                          | 4-Stroke Spark Ignition                          |                                                           |                                     | <b>Mfr Engine Description</b>                            | Gasoline fueled, Port Fuel/Direct Injection Full Hybrid |                     |                       |
| <b>Engine Block Arrangement</b>                                             | V-shaped engine                                  |                                                           |                                     | <b>Mfr Engine Block Arrangement Description</b>          | 3.3L V6                                                 |                     |                       |
| <b>Camless Valvetrain Indicator</b>                                         | No                                               |                                                           |                                     | <b>Oil Viscosity/Classification</b>                      | SAE 5W-30 / ILSAC GF-7                                  |                     |                       |
| <b>Number of Cylinders/Rotors</b>                                           | 6                                                |                                                           |                                     | <b>Mechanically Variable Compression Ratio Indicator</b> | N                                                       |                     |                       |

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|                                                  |                                        |                                                         |                           |
|--------------------------------------------------|----------------------------------------|---------------------------------------------------------|---------------------------|
| <b>Test Group</b>                                | VFMXT03.33F1                           | <b>Evaporative/Refueling Family</b>                     | VFMXR0165LDG              |
| <b>After Treatment Device(s) (ATD)</b>           |                                        |                                                         |                           |
| <b>ATD Number</b>                                | <b>ATD Type</b>                        | <b>ATD Precious Metal</b>                               | <b>Substrate Material</b> |
| 1                                                | Three-way catalyst                     | Platinum + Palladium + Rhodium                          | Ceramic                   |
| 2                                                | Three-way catalyst                     | Platinum + Palladium + Rhodium                          | Ceramic                   |
| 3                                                | Three-way catalyst                     | Palladium + Rhodium                                     | Ceramic                   |
| 4                                                | Three-way catalyst                     | Palladium + Rhodium                                     | Ceramic                   |
| <b>Mfr After Treatment Device (ATD) Comments</b> |                                        |                                                         |                           |
| --                                               |                                        |                                                         |                           |
| <b>Direct Ozone Reduction (DOR) Device</b>       |                                        |                                                         |                           |
| Not Equipped                                     |                                        |                                                         |                           |
| <b>Mfr Emission Control Device Comments</b>      |                                        |                                                         |                           |
| --                                               |                                        |                                                         |                           |
| <b>Engine Configuration Number 1</b>             |                                        |                                                         |                           |
| <b>Engine Displacement (liters)</b>              | 3.3                                    | <b>Engine Rated Horsepower</b>                          | 318                       |
| <b>Number of Inlet Valves Per Cylinder</b>       | 2                                      | <b>Number of Exhaust Valves Per Cylinder</b>            | 2                         |
| <b>Air Aspiration Method</b>                     | Naturally Aspirated                    | <b>Number of Air Aspiration Devices</b>                 | --                        |
| <b>Air Aspiration Device Configuration</b>       | --                                     | <b>Charge Air Cooler Type</b>                           | N/A                       |
| <b>Air Aspiration Drive Method(s)</b>            | --                                     |                                                         |                           |
| <b>Cylinder Deactivation</b>                     | No                                     |                                                         |                           |
| <b>Cylinder Deactivation Description</b>         | --                                     |                                                         |                           |
| <b>Variable Valve Timing</b>                     | Yes                                    |                                                         |                           |
| <b>Variable Valve Timing System Description</b>  | Hydraulic actuated Variable Cam Timing |                                                         |                           |
| <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 air fuel                        | <b>Air/Fuel Sensor # 1 Description</b>                  | WR-HO2S                   |
| <b>Air/Fuel Sensor # 2 Type</b>                  | Heated air fuel                        | <b>Air/Fuel Sensor # 2 Description</b>                  | WR-HO2S                   |
| <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>                 | Yes                                    | <b>Cooled Exhaust Gas Recirculation</b>                 | No                        |
| <b>EGR Type</b>                                  | Electronic/Electric                    | <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>         | --                                     |                                                         |                           |

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| <b>Test Group</b> | VFMXT03.33F1 | <b>Evaporative/Refueling Family</b> | VFMXR0165LDG |
|-------------------|--------------|-------------------------------------|--------------|

**Official Test Numbers**

| Test Group Fuel | FTP          | US06         | SC03         | Cold CO      | Highway      | EPA City Litmus Value | EPA City Litmus Threshold | EPA Highway Litmus Value | EPA Highway Litmus Threshold | CREE Weighting Factor |
|-----------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------------|--------------------------|------------------------------|-----------------------|
| Electricity     | --           | --           | --           | --           | --           | --                    | --                        | --                       | --                           | --                    |
| Gasoline        | SFMX10085214 | SFMX10084719 | SFMX10084721 | SFMX10084722 | SFMX10084718 | 16                    | 228.2                     | 30.2                     | 286.1                        | 1                     |

**SFTP LEV-III Official Test Numbers**

| Test Group Fuel | FTP          | US06         | SC03         |
|-----------------|--------------|--------------|--------------|
| Electricity     | --           | --           | --           |
| Gasoline        | SFMX10085214 | SFMX10084719 | SFMX10084721 |

**Official Charge Depleting Test Numbers**

| Test Group Fuel | UDDS | Highway |
|-----------------|------|---------|
| Gasoline        | --   | --      |

**Hybrid Electric Vehicle And Fuel Cell Information**

|                                                       |                        |                                                    |          |
|-------------------------------------------------------|------------------------|----------------------------------------------------|----------|
| <b>Rechargable Energy Storage System</b>              | Battery(s)             | <b>Rechargable Energy Storage System, if Other</b> | --       |
| <b>Battery Type</b>                                   | Lithium Ion            | <b>Number of Battery Packs</b>                     | 1        |
| <b>Total Voltage of Battery Packs</b>                 | 280                    | <b>Battery Energy Capacity</b>                     | 5.2      |
| <b>Battery Specific Energy</b>                        | 42.9                   | <b>Battery Charger Type</b>                        | On-Board |
| <b>Number of Capacitors</b>                           | --                     | <b>Capacitor Rating (In Farads)</b>                | --       |
| <b>Mfr Capacitor Comments</b>                         | --                     |                                                    |          |
| <b>Hydraulic System Description</b>                   | --                     |                                                    |          |
| <b>Regenerative Braking Type</b>                      | Electrical Regen Brake |                                                    |          |
| <b>Regenerative Braking Source</b>                    | Both                   | <b>Driver Controlled Regenerative Braking</b>      | No       |
| <b>Mfr Regenerative Braking Description</b>           | --                     |                                                    |          |
| <b>Drive Motor(s)/Generator(s)</b>                    | 1                      |                                                    |          |
| <b>Motor/Generator Type 1</b>                         | ACPM 3 Phase 3Motor    | <b>Rated Motor/Generator Power</b>                 | 35       |
| <b>Mfr Fuel Cell Description</b>                      | --                     |                                                    |          |
| <b>Fuel Cell On-Board H2 Storage Capacity (kg)</b>    | --                     | <b>Usable H2 Fill Capacity (kg)</b>                | --       |
| <b>Mfr Hybrid Electric/ Electric Vehicle Comments</b> | --                     |                                                    |          |

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|                   |              |                                     |              |
|-------------------|--------------|-------------------------------------|--------------|
| <b>Test Group</b> | VFMXT03.33F1 | <b>Evaporative/Refueling Family</b> | VFMXR0165LDG |
|-------------------|--------------|-------------------------------------|--------------|

  
**Emission Data Vehicle Information**

|                                         |              |                                                  |              |
|-----------------------------------------|--------------|--------------------------------------------------|--------------|
| <b>Vehicle ID / Configuration</b>       | LGA00074 / 0 | <b>Manufacturer Vehicle Configuration Number</b> | 0            |
| <b>Original Test Group Name</b>         | LFMXT03.33F1 | <b>Original Evaporative/Refueling Family</b>     | LFMXR0165LDG |
| <b>Original Test Vehicle Model Year</b> | 2020         |                                                  |              |

**Vehicle Model**

|                                      |      |                                       |                      |
|--------------------------------------|------|---------------------------------------|----------------------|
| <b>Represented Test Vehicle Make</b> | Ford | <b>Represented Test Vehicle Model</b> | Explorer Police FHEV |
|--------------------------------------|------|---------------------------------------|----------------------|

  
**Leak Family Details**

|                               |     |                         |                  |
|-------------------------------|-----|-------------------------|------------------|
| <b>Leak Family Identifier</b> | 001 | <b>Leak Family Name</b> | LFMXR0165LDG-001 |
|-------------------------------|-----|-------------------------|------------------|

  
**Drive Sources and Fuel System Details**

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

  

|                                           |                                                                                                 |                                                       |                 |
|-------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|
| <b>Hybrid Indicator</b>                   | Yes                                                                                             |                                                       |                 |
| <b>Multiple Fuel Storage</b>              | --                                                                                              | <b>Multiple Fuel Combustion</b>                       | --              |
| <b>Fuel Cell Indicator</b>                | No                                                                                              | <b>Rechargeable Energy Storage System Indicator</b>   | Yes             |
| <b>Rechargeable Energy Storage System</b> | Battery(s)                                                                                      | <b>Rechargeable Energy Storage System, if 'Other'</b> | --              |
| <b>Off-board charge Capable Indicator</b> | No                                                                                              |                                                       |                 |
| <b>Odometer Correction -- Initial</b>     | 0                                                                                               | <b>Odometer Correction Factor</b>                     | 1.03            |
| <b>Odometer Correction Sign</b>           | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles |                                                       |                 |
| <b>Odometer Correction Units</b>          | Miles                                                                                           |                                                       |                 |
| <b>Engine Code</b>                        | LCTWBPNB08                                                                                      | <b>Rated Horsepower</b>                               | 282             |
| <b>Displacement (liters)</b>              | 3.3                                                                                             |                                                       |                 |
| <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>                       | All Wheel Drive |
| <b>Shift Indicator Light Usage</b>        | Not equipped                                                                                    | <b>Aged Emission Components</b>                       | 4,000 (mi)      |
| <b>Curb Weight (lbs)</b>                  | 5095                                                                                            | <b>Equivalent Test Weight (pounds)</b>                | 5500            |
| <b>GVWR (lbs)</b>                         | 6840                                                                                            | <b>N/V Ratio</b>                                      | 26.6            |
| <b>Axle Ratio</b>                         | 3.73                                                                                            |                                                       |                 |
| <b>Transmission Type</b>                  | Semi-Automatic                                                                                  | <b># of Transmission Gears</b>                        | 10              |
| <b>Transmission Lockup</b>                | Yes                                                                                             | <b>Creep Gear</b>                                     | No              |

Certification Summary Information Report

|                                    |         |                                         |                |                  |                              |                |                                                                                  |  |
|------------------------------------|---------|-----------------------------------------|----------------|------------------|------------------------------|----------------|----------------------------------------------------------------------------------|--|
| Test Group                         |         | VFMXT03.33F1                            |                |                  | Evaporative/Refueling Family |                | VFMXR0165LDG                                                                     |  |
| 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                  | 40.61   | 0.209                                   | 0.02977        | -13.16           | 0.05784                      | 0.02864        | 16.7                                                                             |  |
| Cold CO                            | 40.61   | 0.209                                   | 0.02977        | -13.16           | 0.05784                      | 0.02864        | N/A                                                                              |  |
| US06                               | 40.61   | 0.209                                   | 0.02977        | -13.16           | 0.05784                      | 0.02864        | N/A                                                                              |  |
| Emission Control Device Comments   |         | T3B70/ULEV70 SFTP-0.070 PM3 CB3 T3e/L3e |                |                  |                              |                |                                                                                  |  |
| Manufacturer Test Vehicle Comments |         | Explorer (U625) 3.3L FHEV AWD           |                |                  |                              |                |                                                                                  |  |

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| Test Group                                     | VFMXT03.33F1                        | Evaporative/Refueling Family          | VFMXR0165LDG                                        |
|------------------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------------------------|
| <b>Test #</b>                                  | <b>LFMX10059394</b>                 | <b>Test Procedure</b>                 | <b>21 - Federal fuel 2-day exhaust (w/can load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)  |
| <b>Test Date</b>                               | 03/30/2019                          | <b>Fuel</b>                           | N/A                                                 |
| <b>Fuel Batch ID</b>                           | 373-B                               | <b>Fuel Calibration Number</b>        | 37                                                  |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | Mfr. Determined                                     |
| <b>Verify Test Lab ID</b>                      | APTL                                |                                       |                                                     |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                                                     |
| <b>Test Start Odometer Reading</b>             | 4755                                | <b>Odometer Units</b>                 | M                                                   |
| <b>4WD Test Dyno</b>                           | No                                  | <b>Diesel Adjustment Factor Usage</b> | --                                                  |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                                                     |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes                                                 |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|----------------------------------------------------|-----------------------|----------------------------------------------------------|
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 301.92413             | --                                                       |
| FE BAG 1 (Bag 1 Fuel Economy)                      | 28.67246              | 28.67246                                                 |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 278.50924             | --                                                       |
| FE BAG 2 (Bag 2 Fuel Economy)                      | 31.04901              | 31.04901                                                 |
| METHANE (CH4 - Methane)                            | 0.00281               | --                                                       |
| CO (Carbon Monoxide)                               | 0.40751               | --                                                       |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.667095             | --                                                       |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.754831             | --                                                       |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -0.779271             | --                                                       |
| HCHO (Formaldehyde)                                | 0.0001952             | --                                                       |
| MFR FE (Manufacturer Fuel Economy)                 | 29.96864              | 29.96864                                                 |
| NOX (Nitrogen Oxide)                               | 0.00295               | --                                                       |
| N2O (Nitrous Oxide)                                | 0.00036               | --                                                       |
| HC-NM (Non-methane Hydrocarbon)                    | 0.015777              | --                                                       |
| NMOG (Non-methane organic gases)                   | 0.01734               | --                                                       |
| HC-TOTAL (Total Hydrocarbon)                       | 0.01842               | --                                                       |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 290                   | 999                             |
| Optional Carbon-Related Exhaust Emissions | 290                   | 999                             |



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## Certification Summary Information Report

| <b>Test Group</b>                            | VFMXT03.33F1                                                                                                                                                                                                                                     | <b>Evaporative/Refueling Family</b>                   | VFMXR0165LDG                                                                         |      |   |                |             |   |                   |          |  |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------|------|---|----------------|-------------|---|-------------------|----------|--|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                                                                                                  |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Vehicle ID / Configuration</b>            | LTW1-3.3-L-471 / 0                                                                                                                                                                                                                               | <b>Manufacturer Vehicle Configuration Number</b>      | 0                                                                                    |      |   |                |             |   |                   |          |  |
| <b>Original Test Group Name</b>              | LFMXT03.33F1                                                                                                                                                                                                                                     | <b>Original Evaporative/Refueling Family</b>          | LFMXR0165LDG                                                                         |      |   |                |             |   |                   |          |  |
| <b>Original Test Vehicle Model Year</b>      | 2020                                                                                                                                                                                                                                             |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Vehicle Model</b>                         |                                                                                                                                                                                                                                                  |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Represented Test Vehicle Make</b>         | Ford                                                                                                                                                                                                                                             | <b>Represented Test Vehicle Model</b>                 | Explorer Police FHEV                                                                 |      |   |                |             |   |                   |          |  |
| <b>Leak Family Details</b>                   |                                                                                                                                                                                                                                                  |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Leak Family Identifier</b>                | 001                                                                                                                                                                                                                                              | <b>Leak Family Name</b>                               | LFMXR0165LDG-001                                                                     |      |   |                |             |   |                   |          |  |
| <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>Electric Motor</td> <td>Electricity</td> </tr> <tr> <td>2</td> <td>Combustion Engine</td> <td>Gasoline</td> </tr> </table> | Drive Source and Fuel#                                | Drive Source                                                                         | Fuel | 1 | Electric Motor | Electricity | 2 | Combustion Engine | Gasoline |  |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                                                                                                     | Fuel                                                  |                                                                                      |      |   |                |             |   |                   |          |  |
| 1                                            | Electric Motor                                                                                                                                                                                                                                   | Electricity                                           |                                                                                      |      |   |                |             |   |                   |          |  |
| 2                                            | Combustion Engine                                                                                                                                                                                                                                | Gasoline                                              |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Hybrid Indicator</b>                      | Yes                                                                                                                                                                                                                                              |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                                                                                               | <b>Multiple Fuel Combustion</b>                       | --                                                                                   |      |   |                |             |   |                   |          |  |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                                                                                               | <b>Rechargeable Energy Storage System Indicator</b>   | Yes                                                                                  |      |   |                |             |   |                   |          |  |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                                                                                                       | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                                                                                   |      |   |                |             |   |                   |          |  |
| <b>Off-board charge Capable Indicator</b>    | No                                                                                                                                                                                                                                               |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Odometer Correction -- Initial</b>        | 0                                                                                                                                                                                                                                                | <b>Odometer Correction Factor</b>                     | 1.03                                                                                 |      |   |                |             |   |                   |          |  |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                                                                                                  |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                                                                                            |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Engine Code</b>                           | LCTWBPNB08                                                                                                                                                                                                                                       | <b>Rated Horsepower</b>                               | 282                                                                                  |      |   |                |             |   |                   |          |  |
| <b>Displacement (liters)</b>                 | 3.3                                                                                                                                                                                                                                              |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <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>                       | Part-time 4-Wheel Drive                                                              |      |   |                |             |   |                   |          |  |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                                                                                                     | <b>Aged Emission Components</b>                       | 4,000 (mi)                                                                           |      |   |                |             |   |                   |          |  |
| <b>Curb Weight (lbs)</b>                     | 5095                                                                                                                                                                                                                                             | <b>Equivalent Test Weight (pounds)</b>                | 5500                                                                                 |      |   |                |             |   |                   |          |  |
| <b>GVWR (lbs)</b>                            | 6840                                                                                                                                                                                                                                             | <b>N/V Ratio</b>                                      | 26.6                                                                                 |      |   |                |             |   |                   |          |  |
| <b>Axle Ratio</b>                            | 3.73                                                                                                                                                                                                                                             |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Transmission Type</b>                     | Semi-Automatic                                                                                                                                                                                                                                   | <b># of Transmission Gears</b>                        | 6                                                                                    |      |   |                |             |   |                   |          |  |
| <b>Transmission Lockup</b>                   | Yes                                                                                                                                                                                                                                              | <b>Creep Gear</b>                                     | No                                                                                   |      |   |                |             |   |                   |          |  |
| <b>Dynamometer Coefficients:</b>             |                                                                                                                                                                                                                                                  |                                                       |                                                                                      |      |   |                |             |   |                   |          |  |
| <b>Target Coefficients</b>                   |                                                                                                                                                                                                                                                  |                                                       | <b>Set Coefficients</b>                                                              |      |   |                |             |   |                   |          |  |
| <b>Coefficient Category</b>                  | <b>A (lbf)</b>                                                                                                                                                                                                                                   | <b>B (lbf/mph)</b>                                    | <b>C (lbf/mph**2)</b>                                                                |      |   |                |             |   |                   |          |  |
| <b>City/Highway/Evap</b>                     | 40.61                                                                                                                                                                                                                                            | 0.209                                                 | 0.02977                                                                              |      |   |                |             |   |                   |          |  |
|                                              | <b>A (lbf)</b>                                                                                                                                                                                                                                   | <b>B (lbf/mph)</b>                                    | <b>C (lbf/mph**2)</b>                                                                |      |   |                |             |   |                   |          |  |
|                                              | 22.58                                                                                                                                                                                                                                            | -0.2659                                               | 0.03264                                                                              |      |   |                |             |   |                   |          |  |
|                                              |                                                                                                                                                                                                                                                  |                                                       | <b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b> |      |   |                |             |   |                   |          |  |
|                                              |                                                                                                                                                                                                                                                  |                                                       | 16.7                                                                                 |      |   |                |             |   |                   |          |  |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                             | VFMXT03.33F1                                                      | <b>Evaporative/Refueling Family</b>                      | VFMXR0165LDG                                       |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------|-----------------------|-----------------------|----------------------------------------------------------|-------------------------------------------------|------------------|----|-----------------------------------------------------------|--------|----|
| <b>Emission Control Device Comments</b>                                                                                                                                                                                                                                                                                                                                                                       | T3B70/ULEV70 SFTP-0.070 PM3 CB3 T3e/L3e                           |                                                          |                                                    |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| <b>Manufacturer Test Vehicle Comments</b>                                                                                                                                                                                                                                                                                                                                                                     | Explorer (U625) 3.3L FHEV AWD (Used for Evap Only)                |                                                          |                                                    |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                 | <b>LFMX10059623</b>                                               | <b>Test Procedure</b>                                    | <b>34 - Federal fuel 3-day evap</b>                |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                      | LFMX10059394                                                      | <b>Test Fuel Type</b>                                    | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                              | 05/31/2019                                                        | <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>                                                                                                                                                                                                                                                                                                                                                                                     | APTL                                                              |                                                          |                                                    |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                | Actual Total Hydrocarbon Equivalent Measurement (with speciation) |                                                          |                                                    |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                            | 5128                                                              | <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 86 (+/- 2 mph, +/- 1 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 (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>OMHCE (Organic material Hydrocarbon Equivalent)</td> <td>0.2138</td> <td>--</td> </tr> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.2138</td> <td>--</td> </tr> </tbody> </table> |                                                                   |                                                          |                                                    | Test Result Name      | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) | OMHCE (Organic material Hydrocarbon Equivalent) | 0.2138           | -- | HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0.2138 | -- |
| Test Result Name                                                                                                                                                                                                                                                                                                                                                                                              | Unrounded Test Result                                             | Verify Calculated FE Equivalent Value (miles per gallon) |                                                    |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| OMHCE (Organic material Hydrocarbon Equivalent)                                                                                                                                                                                                                                                                                                                                                               | 0.2138                                                            | --                                                       |                                                    |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)                                                                                                                                                                                                                                                                                                                                                     | 0.2138                                                            | --                                                       |                                                    |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| <b>Manufacturer Test Comments</b> --                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |                                                          |                                                    |                       |                       |                                                          |                                                 |                  |    |                                                           |        |    |
| <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                                     | 0.2138                | 0                     | 0.214                                                    | 0.5                                             | Pass             |    |                                                           |        |    |
| CA                                                                                                                                                                                                                                                                                                                                                                                                            | 150,000 miles                                                     | California LEV-III Zero Evap (Option 2)                  | OMHCE                                              | 0.2138                | 0                     | 0.214                                                    | 0.5                                             | Pass             |    |                                                           |        |    |

## Certification Summary Information Report

| Test Group                                     | VFMXT03.33F1                              | Evaporative/Refueling Family          | VFMXR0165LDG                                       |
|------------------------------------------------|-------------------------------------------|---------------------------------------|----------------------------------------------------|
| <b>Test #</b>                                  | <b>LFMX10059621</b>                       | <b>Test Procedure</b>                 | <b>24 - Federal fuel refueling test (ORVR)</b>     |
| <b>Exhaust Test # for this Evap Test</b>       | LFMX10059394                              | <b>Test Fuel Type</b>                 | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                               | 05/13/2019                                | <b>Fuel</b>                           | Gasoline                                           |
| <b>Fuel Batch ID</b>                           | 373-B                                     | <b>Fuel Calibration Number</b>        | 39                                                 |
| <b>Vehicle Class</b>                           | N/A                                       | <b>DF Type</b>                        | Mfr. Determined                                    |
| <b>Verify Test Lab ID</b>                      | APTL                                      |                                       |                                                    |
| <b>E10 Evaporative Test Measurement Method</b> | --                                        |                                       |                                                    |
| <b>Test Start Odometer Reading</b>             | 5050                                      | <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                                                 |

## Test Results

| Test Result Name                                                 | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) |
|------------------------------------------------------------------|-----------------------|----------------------------------------------------------|
| <b>OMHCE (Organic material Hydrocarbon Equivalent)</b>           | 0.00239               | --                                                       |
| <b>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</b> | 0.00239               | --                                                       |

## Manufacturer Test Comments

ORVR Test

| 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 | 0.002          | 0.002  | 0                   | 0.2      | Pass      |
| CA                   | 150,000 miles | California LEV-III Zero Evap (Option 2) | OMHCE          | 0.002          | 0.002  | 0                   | 0.2      | Pass      |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | VFMXT03.33F1                                                      | <b>Evaporative/Refueling Family</b>                      | VFMXR0165LDG                                       |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------|----------------------|-----------------------|----------------------------------------------------------|-------------------------------------------------|----------------|--------|-----------------------------------------------------------|----------|-----------|-----|---------------|---------------------|----------------|---|-------|---|------|------|----|---------------|-----------------------------------------|-------|---|-------|---|------|------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>LFMX10059622</b>                                               | <b>Test Procedure</b>                                    | <b>32 - Federal Fuel Running Loss</b>              |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LFMX10059394                                                      | <b>Test Fuel Type</b>                                    | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 05/31/2019                                                        | <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | APTL                                                              |                                                          |                                                    |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Actual Total Hydrocarbon Equivalent Measurement (with speciation) |                                                          |                                                    |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5140                                                              | <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 86 (+/- 2 mph, +/- 1 sec)                               | <b>Road Speed Fan Usage</b>                              | Yes                                                |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| <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 (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>OMHCE (Organic material Hydrocarbon Equivalent)</td> <td>0.000191</td> <td>--</td> </tr> <tr> <td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td> <td>0.000191</td> <td>--</td> </tr> </tbody> </table>                                                                                                                                                                                                                        |                                                                   |                                                          |                                                    | Test Result Name     | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) | OMHCE (Organic material Hydrocarbon Equivalent) | 0.000191       | --     | HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only) | 0.000191 | --        |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unrounded Test Result                                             | Verify Calculated FE Equivalent Value (miles per gallon) |                                                    |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| OMHCE (Organic material Hydrocarbon Equivalent)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.000191                                                          | --                                                       |                                                    |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.000191                                                          | --                                                       |                                                    |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| <b>Manufacturer Test Comments</b> --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                   |                                                          |                                                    |                      |                       |                                                          |                                                 |                |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| <table border="1"> <thead> <tr> <th>Certification Region</th> <th>Useful Life</th> <th>Standard Level</th> <th>Emission Name</th> <th>Rounded Result</th> <th>Add DF</th> <th>Certification Level</th> <th>Standard</th> <th>Pass/Fail</th> </tr> </thead> <tbody> <tr> <td>Fed</td> <td>150,000 miles</td> <td>Federal Tier 3 Evap</td> <td>HC-TOTAL-EQUIV</td> <td>0</td> <td>0.002</td> <td>0</td> <td>0.05</td> <td>Pass</td> </tr> <tr> <td>CA</td> <td>150,000 miles</td> <td>California LEV-III Zero Evap (Option 2)</td> <td>OMHCE</td> <td>0</td> <td>0.002</td> <td>0</td> <td>0.05</td> <td>Pass</td> </tr> </tbody> </table> |                                                                   |                                                          |                                                    | Certification Region | Useful Life           | Standard Level                                           | Emission Name                                   | Rounded Result | Add DF | Certification Level                                       | Standard | Pass/Fail | Fed | 150,000 miles | Federal Tier 3 Evap | HC-TOTAL-EQUIV | 0 | 0.002 | 0 | 0.05 | Pass | CA | 150,000 miles | California LEV-III Zero Evap (Option 2) | OMHCE | 0 | 0.002 | 0 | 0.05 | Pass |
| Certification Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Useful Life                                                       | Standard Level                                           | Emission Name                                      | Rounded Result       | Add DF                | Certification Level                                      | Standard                                        | Pass/Fail      |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 150,000 miles                                                     | Federal Tier 3 Evap                                      | HC-TOTAL-EQUIV                                     | 0                    | 0.002                 | 0                                                        | 0.05                                            | Pass           |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 150,000 miles                                                     | California LEV-III Zero Evap (Option 2)                  | OMHCE                                              | 0                    | 0.002                 | 0                                                        | 0.05                                            | Pass           |        |                                                           |          |           |     |               |                     |                |   |       |   |      |      |    |               |                                         |       |   |       |   |      |      |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                         | VFMXT03.33F1                                                                                    | <b>Evaporative/Refueling Family</b>                   | VFMXR0165LDG                |                        |              |      |   |                   |          |   |                |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------|------------------------|--------------|------|---|-------------------|----------|---|----------------|-------------|
| <b>Emission Data Vehicle Information</b>                                                                                                                                                                                                                                  |                                                                                                 |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Vehicle ID / Configuration</b>                                                                                                                                                                                                                                         | RTW1-3.3-J-778 / 0                                                                              | <b>Manufacturer Vehicle Configuration Number</b>      | 0                           |                        |              |      |   |                   |          |   |                |             |
| <b>Original Test Group Name</b>                                                                                                                                                                                                                                           | SFMXT03.33F1                                                                                    | <b>Original Evaporative/Refueling Family</b>          | SFMXR0165LDG                |                        |              |      |   |                   |          |   |                |             |
| <b>Original Test Vehicle Model Year</b>                                                                                                                                                                                                                                   | 2025                                                                                            |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Vehicle Model</b>                                                                                                                                                                                                                                                      |                                                                                                 |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Represented Test Vehicle Make</b>                                                                                                                                                                                                                                      | Ford                                                                                            | <b>Represented Test Vehicle Model</b>                 | INTERCEPTOR UTILITY HEV AWD |                        |              |      |   |                   |          |   |                |             |
| <b>Leak Family Details</b>                                                                                                                                                                                                                                                |                                                                                                 |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Leak Family Identifier</b>                                                                                                                                                                                                                                             | 001                                                                                             | <b>Leak Family Name</b>                               | SFMXR0165LDG-001            |                        |              |      |   |                   |          |   |                |             |
| <b>Drive Sources and Fuel System Details</b>                                                                                                                                                                                                                              |                                                                                                 |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> </thead> <tbody> <tr> <td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr> <tr> <td>2</td><td>Electric Motor</td><td>Electricity</td></tr> </tbody> </table> |                                                                                                 |                                                       |                             | Drive Source and Fuel# | Drive Source | Fuel | 1 | Combustion Engine | Gasoline | 2 | Electric Motor | Electricity |
| Drive Source and Fuel#                                                                                                                                                                                                                                                    | Drive Source                                                                                    | Fuel                                                  |                             |                        |              |      |   |                   |          |   |                |             |
| 1                                                                                                                                                                                                                                                                         | Combustion Engine                                                                               | Gasoline                                              |                             |                        |              |      |   |                   |          |   |                |             |
| 2                                                                                                                                                                                                                                                                         | Electric Motor                                                                                  | Electricity                                           |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Hybrid Indicator</b>                                                                                                                                                                                                                                                   | Yes                                                                                             |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Multiple Fuel Storage</b>                                                                                                                                                                                                                                              | --                                                                                              | <b>Multiple Fuel Combustion</b>                       | --                          |                        |              |      |   |                   |          |   |                |             |
| <b>Fuel Cell Indicator</b>                                                                                                                                                                                                                                                | No                                                                                              | <b>Rechargeable Energy Storage System Indicator</b>   | Yes                         |                        |              |      |   |                   |          |   |                |             |
| <b>Rechargeable Energy Storage System</b>                                                                                                                                                                                                                                 | Battery(s)                                                                                      | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                          |                        |              |      |   |                   |          |   |                |             |
| <b>Off-board charge Capable Indicator</b>                                                                                                                                                                                                                                 | No                                                                                              |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Odometer Correction -- Initial</b>                                                                                                                                                                                                                                     | 0                                                                                               | <b>Odometer Correction Factor</b>                     | 1.03                        |                        |              |      |   |                   |          |   |                |             |
| <b>Odometer Correction Sign</b>                                                                                                                                                                                                                                           | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Odometer Correction Units</b>                                                                                                                                                                                                                                          | Miles                                                                                           |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Engine Code</b>                                                                                                                                                                                                                                                        | SCTWBPNA0001                                                                                    | <b>Rated Horsepower</b>                               | 318                         |                        |              |      |   |                   |          |   |                |             |
| <b>Displacement (liters)</b>                                                                                                                                                                                                                                              | 3.3                                                                                             | <b>Air Aspiration Method, if 'Other'</b>              |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Air Aspiration Method</b>                                                                                                                                                                                                                                              | Naturally Aspirated                                                                             | <b>Air Aspiration Device Configuration</b>            | --                          |                        |              |      |   |                   |          |   |                |             |
| <b>Number of Air Aspiration Devices</b>                                                                                                                                                                                                                                   | 0                                                                                               | <b>Drive Mode While Testing</b>                       | Part-time 4-Wheel Drive     |                        |              |      |   |                   |          |   |                |             |
| <b>Charge Air Cooler Type</b>                                                                                                                                                                                                                                             | N/A                                                                                             | <b>Aged Emission Components</b>                       | 150,000 (mi)                |                        |              |      |   |                   |          |   |                |             |
| <b>Shift Indicator Light Usage</b>                                                                                                                                                                                                                                        | Not equipped                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 5500                        |                        |              |      |   |                   |          |   |                |             |
| <b>Curb Weight (lbs)</b>                                                                                                                                                                                                                                                  | 5096                                                                                            | <b>N/V Ratio</b>                                      | 27.4                        |                        |              |      |   |                   |          |   |                |             |
| <b>GVWR (lbs)</b>                                                                                                                                                                                                                                                         | 6840                                                                                            |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Axle Ratio</b>                                                                                                                                                                                                                                                         | 3.73                                                                                            |                                                       |                             |                        |              |      |   |                   |          |   |                |             |
| <b>Transmission Type</b>                                                                                                                                                                                                                                                  | Automatic                                                                                       | <b># of Transmission Gears</b>                        | 10                          |                        |              |      |   |                   |          |   |                |             |
| <b>Transmission Lockup</b>                                                                                                                                                                                                                                                | Yes                                                                                             | <b>Creep Gear</b>                                     | No                          |                        |              |      |   |                   |          |   |                |             |

Certification Summary Information Report

|                                    |         |              |                |                  |                              |                |                                                                                  |  |
|------------------------------------|---------|--------------|----------------|------------------|------------------------------|----------------|----------------------------------------------------------------------------------|--|
| Test Group                         |         | VFMXT03.33F1 |                |                  | Evaporative/Refueling Family |                | VFMXR0165LDG                                                                     |  |
| 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                  | 33.93   | 0.6797       | 0.02248        | -13.47           | 0.3685                       | 0.02136        | 16.5                                                                             |  |
| Cold CO                            | 33.93   | 0.6797       | 0.02248        | -13.47           | 0.3685                       | 0.02136        | N/A                                                                              |  |
| US06                               | 33.93   | 0.6797       | 0.02248        | -13.47           | 0.3685                       | 0.02136        | N/A                                                                              |  |
| Emission Control Device Comments   |         | --           |                |                  |                              |                |                                                                                  |  |
| Manufacturer Test Vehicle Comments |         | --           |                |                  |                              |                |                                                                                  |  |

## Certification Summary Information Report

|                                                |                                            |                                       |                                            |
|------------------------------------------------|--------------------------------------------|---------------------------------------|--------------------------------------------|
| <b>Test Group</b>                              | VFMXT03.33F1                               | <b>Evaporative/Refueling Family</b>   | VFMXR0165LDG                               |
| <b>Test #</b>                                  | SFMX10084722                               | <b>Test Procedure</b>                 | <b>11 - Cold CO</b>                        |
| <b>Exhaust Test # for this Evap Test</b>       | --                                         | <b>Test Fuel Type</b>                 | 28 - Cold CO E10 Regular Gasoline (Tier 3) |
| <b>Test Date</b>                               | 02/11/2024                                 | <b>Fuel</b>                           | Gasoline                                   |
| <b>Fuel Batch ID</b>                           | 375-B                                      | <b>Fuel Calibration Number</b>        | 51                                         |
| <b>Vehicle Class</b>                           | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                        | Mfr. Determined                            |
| <b>Verify Test Lab ID</b>                      | APTL                                       |                                       |                                            |
| <b>E10 Evaporative Test Measurement Method</b> | --                                         |                                       |                                            |
| <b>Test Start Odometer Reading</b>             | 4241                                       | <b>Odometer Units</b>                 | M                                          |
| <b>4WD Test Dyno</b>                           | Yes                                        | <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) |
|----------------------------------------------------|-----------------------|----------------------------------------------------------|
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 709.3778              | --                                                       |
| FE BAG 1 (Bag 1 Fuel Economy)                      | 12.17117              | 12.17117                                                 |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 556.603               | --                                                       |
| FE BAG 2 (Bag 2 Fuel Economy)                      | 15.59904              | 15.59904                                                 |
| CO2 BAG 3 (Bag 3 Carbon Dioxide)                   | 480.07899             | --                                                       |
| FE BAG 3 (Bag 3 Fuel Economy)                      | 18.09408              | 18.09408                                                 |
| METHANE (CH4 - Methane)                            | 0.01602               | --                                                       |
| CO (Carbon Monoxide)                               | 0.67143               | --                                                       |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 0.42                  | --                                                       |
| DT-EER (Drive Trace Energy Economy Rating)         | 0.19                  | --                                                       |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 0.79                  | --                                                       |
| MFR FE (Manufacturer Fuel Economy)                 | 15.3                  | 15.3                                                     |
| NOX (Nitrogen Oxide)                               | 0.0168                | --                                                       |
| N2O (Nitrous Oxide)                                | 0.01                  | --                                                       |
| HC-NM (Non-methane Hydrocarbon)                    | 0.0721                | --                                                       |
| NMOG (Non-methane organic gases)                   | 0.0793                | --                                                       |
| HC-TOTAL (Total Hydrocarbon)                       | 0.0892                | --                                                       |

| Test Result Name                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|----------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions | 568                   | --                              |



Certification Summary Information Report

| Test Group                 |               | VFMXT03.33F1               |               |                       |     | Evaporative/Refueling Family |                          |        |         | VFMXR0165LDG        |          |           |
|----------------------------|---------------|----------------------------|---------------|-----------------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
|                            |               | Test Result Name           |               | Unrounded Test Result |     |                              | Verify Calculated CO2    |        |         |                     |          |           |
|                            |               | Carbon dioxide             |               | 567.20417             |     |                              | --                       |        |         |                     |          |           |
| Manufacturer Test Comments |               | --                         |               |                       |     |                              |                          |        |         |                     |          |           |
| 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 30      | CO            | 0.67                  | --  | --                           | --                       | --     | --      | 0.7                 | 12.5     | Pass      |
| Fed                        | 120,000 miles | Federal Tier 3 Bin 30      | HC-NM         | 0.07                  | --  | --                           | --                       | --     | --      | 0.1                 | 0.3      | Pass      |
| CA                         | 50,000 miles  | California LEV-III SULEV30 | CO            | 0.67                  | --  | --                           | --                       | --     | --      | 0.7                 | 12.5     | Pass      |

## Certification Summary Information Report

|                                                    |                                            |                                                                 |                                                     |
|----------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------|
| <b>Test Group</b>                                  | VFMXT03.33F1                               | <b>Evaporative/Refueling Family</b>                             | VFMXR0165LDG                                        |
| <b>Test #</b>                                      | SFMX10085214                               | <b>Test Procedure</b>                                           | <b>21 - Federal fuel 2-day exhaust (w/can load)</b> |
| <b>Exhaust Test # for this Evap Test</b>           | --                                         | <b>Test Fuel Type</b>                                           | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)  |
| <b>Test Date</b>                                   | 02/23/2024                                 | <b>Fuel</b>                                                     | Gasoline                                            |
| <b>Fuel Batch ID</b>                               | 373-B                                      | <b>Fuel Calibration Number</b>                                  | 83                                                  |
| <b>Vehicle Class</b>                               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                                                  | Mfr. Determined                                     |
| <b>Verify Test Lab ID</b>                          | APTL                                       |                                                                 |                                                     |
| <b>E10 Evaporative Test Measurement Method</b>     | --                                         |                                                                 |                                                     |
| <b>Test Start Odometer Reading</b>                 | 4378                                       | <b>Odometer Units</b>                                           | M                                                   |
| <b>4WD Test Dyno</b>                               | Yes                                        | <b>Diesel Adjustment Factor Usage</b>                           | --                                                  |
| <b>State of Charge Delta</b>                       | Yes                                        |                                                                 |                                                     |
| <b>Drive Cycle Speed Tolerance Criteria</b>        | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>                                     | Yes                                                 |
| <b>Test Results</b>                                |                                            |                                                                 |                                                     |
| <b>Test Result Name</b>                            | <b>Unrounded Test Result</b>               | <b>Verify Calculated FE Equivalent Value (miles per gallon)</b> |                                                     |
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 587.93206                                  | --                                                              |                                                     |
| FE BAG 1 (Bag 1 Fuel Economy)                      | 14.66857                                   | 14.66857                                                        |                                                     |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 418.09121                                  | --                                                              |                                                     |
| FE BAG 2 (Bag 2 Fuel Economy)                      | 20.67247                                   | 20.67247                                                        |                                                     |
| METHANE (CH4 - Methane)                            | 0.00676                                    | --                                                              |                                                     |
| CO (Carbon Monoxide)                               | 0.44845                                    | --                                                              |                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 0.24                                       | --                                                              |                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | 0.02                                       | --                                                              |                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 0.21                                       | --                                                              |                                                     |
| HCHO (Formaldehyde)                                | 0.000434                                   | --                                                              |                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 17.6                                       | 17.6                                                            |                                                     |
| NOX (Nitrogen Oxide)                               | 0.007933                                   | --                                                              |                                                     |
| N2O (Nitrous Oxide)                                | 0.00036                                    | --                                                              |                                                     |
| NMOG (Non-methane organic gases)                   | 0.01507                                    | --                                                              |                                                     |
| PM (Particulate Matter)                            | 0.000823                                   | --                                                              |                                                     |
| HC-TOTAL (Total Hydrocarbon)                       | 0.02014                                    | --                                                              |                                                     |
| <b>Test Result Name</b>                            | <b>Unrounded Test Result</b>               | <b>Verify Calculated CREE/OPT-CREE</b>                          |                                                     |
| Carbon-Related Exhaust Emissions                   | 492                                        | 999                                                             |                                                     |

## Certification Summary Information Report

| Test Group                                                                                                              |               | VFMXT03.33F1               |               |                       | Evaporative/Refueling Family |                  |                          |        |         | VFMXR0165LDG        |          |           |
|-------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------|---------------|-----------------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
|                                                                                                                         |               | Test Result Name           |               | Unrounded Test Result |                              |                  | Verify Calculated CO2    |        |         |                     |          |           |
|                                                                                                                         |               | Carbon dioxide             |               | 491.12277             |                              |                  | --                       |        |         |                     |          |           |
| Manufacturer Test Comments                                                                                              |               | --                         |               |                       |                              |                  |                          |        |         |                     |          |           |
| 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 30      | CO            | 0.45                  | --                           | --               | --                       | --     | --      | 0.4                 | 1.0      | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | CO-COMP       | 0.27                  | --                           | --               | --                       | --     | --      | 0.3                 | 4.2      | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | CREE          | 999                   | --                           | --               | --                       | 0      | --      | 999                 | --       | --        |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | HCHO          | 0.0004                | --                           | --               | --                       | --     | --      | 0                   | 0.004    | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | METHANE       | 0.0068                | --                           | --               | --                       | --     | --      | 0.007               | 0.030    | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | N2O           | 0.0004                | --                           | --               | --                       | --     | --      | 0                   | 0.010    | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | NMOG          | 0.0151                | --                           | 1.1              | --                       | --     | --      | 0.015               | 999.999  | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | NMOG+NOX      | 0.023                 | --                           | --               | --                       | --     | --      | 0.023               | 0.030    | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | NMOG+NOX-COMP | 0.0164                | --                           | --               | --                       | --     | --      | 0.016               | 0.080    | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | NOX           | 0.0079                | --                           | --               | --                       | --     | --      | 0.008               | 999.999  | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 30      | PM            | 0.0008                | --                           | --               | --                       | --     | --      | 0.001               | 0.003    | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III SULEV30 | CO            | 0.45                  | --                           | --               | --                       | --     | --      | 0.4                 | 1.0      | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III SULEV30 | CO-COMP       | 0.27                  | --                           | --               | --                       | --     | --      | 0.3                 | 4.2      | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III SULEV30 | HCHO          | 0.0004                | --                           | --               | --                       | --     | --      | 0                   | 0.004    | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III SULEV30 | NMOG          | 0.0151                | --                           | --               | --                       | --     | --      | 0.015               | 999.999  | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III SULEV30 | NMOG+NOX      | 0.023                 | --                           | --               | --                       | --     | --      | 0.023               | 0.030    | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III SULEV30 | NMOG+NOX-COMP | 0.0164                | --                           | --               | --                       | --     | --      | 0.016               | 0.080    | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III SULEV30 | NOX           | 0.0079                | --                           | --               | --                       | --     | --      | 0.008               | 999.999  | Pass      |
| CA                                                                                                                      | 150,000 miles | California LEV-III SULEV30 | PM            | 0.0008                | --                           | --               | --                       | --     | --      | 0.001               | 0.003    | Pass      |
| NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values. |               |                            |               |                       |                              |                  |                          |        |         |                     |          |           |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | VFMXT03.33F1                               | <b>Evaporative/Refueling Family</b>                      | VFMXR0165LDG                                       |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------|----------------------------------------------------|------------------|-----------------------|----------------------------------------------------------|----------------------------------|-----------|-----|----------------------|---------|----|----------------------------------------------------|-------|----|--------------------------------------------|------|----|-------------------------------------------------|-------|----|------------------------------------|----|----|----------------------|----------|----|---------------------|---------|----|----------------------------------|---|----|------------------------------|---------|----|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>SFMX10084718</b>                        | <b>Test Procedure</b>                                    | <b>3 - HWFE</b>                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | --                                         | <b>Test Fuel Type</b>                                    | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 02/15/2024                                 | <b>Fuel</b>                                              | Gasoline                                           |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 373-B                                      | <b>Fuel Calibration Number</b>                           | 82                                                 |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                                           | Mfr. Determined                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | APTL                                       |                                                          |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                         |                                                          |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4314                                       | <b>Odometer Units</b>                                    | M                                                  |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes                                        | <b>Diesel Adjustment Factor Usage</b>                    | --                                                 |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                        |                                                          |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>                              | Yes                                                |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Test Results</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                            |                                                          |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated FE Equivalent Value (miles per gallon)</th> </tr> </thead> <tbody> <tr> <td>METHANE (CH4 - Methane)</td> <td>0.00239</td> <td>--</td> </tr> <tr> <td>CO (Carbon Monoxide)</td> <td>0.03881</td> <td>--</td> </tr> <tr> <td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td> <td>-0.34</td> <td>--</td> </tr> <tr> <td>DT-EER (Drive Trace Energy Economy Rating)</td> <td>0.26</td> <td>--</td> </tr> <tr> <td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td> <td>-0.35</td> <td>--</td> </tr> <tr> <td>MFR FE (Manufacturer Fuel Economy)</td> <td>32</td> <td>32</td> </tr> <tr> <td>NOX (Nitrogen Oxide)</td> <td>0.002015</td> <td>--</td> </tr> <tr> <td>N2O (Nitrous Oxide)</td> <td>0.00005</td> <td>--</td> </tr> <tr> <td>NMOG (Non-methane organic gases)</td> <td>0</td> <td>--</td> </tr> <tr> <td>HC-TOTAL (Total Hydrocarbon)</td> <td>0.00243</td> <td>--</td> </tr> </tbody> </table> |                                            |                                                          |                                                    | Test Result Name | Unrounded Test Result | Verify Calculated FE Equivalent Value (miles per gallon) | METHANE (CH4 - Methane)          | 0.00239   | --  | CO (Carbon Monoxide) | 0.03881 | -- | DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.34 | -- | DT-EER (Drive Trace Energy Economy Rating) | 0.26 | -- | DT-IWRR (Drive Trace Inertia Work Ratio Rating) | -0.35 | -- | MFR FE (Manufacturer Fuel Economy) | 32 | 32 | NOX (Nitrogen Oxide) | 0.002015 | -- | N2O (Nitrous Oxide) | 0.00005 | -- | NMOG (Non-methane organic gases) | 0 | -- | HC-TOTAL (Total Hydrocarbon) | 0.00243 | -- |
| Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unrounded Test Result                      | Verify Calculated FE Equivalent Value (miles per gallon) |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| METHANE (CH4 - Methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.00239                                    | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| CO (Carbon Monoxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.03881                                    | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| DT-ASCR (Drive Trace Absolute Speed Change Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -0.34                                      | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| DT-EER (Drive Trace Energy Economy Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.26                                       | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -0.35                                      | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| MFR FE (Manufacturer Fuel Economy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32                                         | 32                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| NOX (Nitrogen Oxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.002015                                   | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| N2O (Nitrous Oxide)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.00005                                    | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| NMOG (Non-methane organic gases)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                                          | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| HC-TOTAL (Total Hydrocarbon)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.00243                                    | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated CREE/OPT-CREE</th> </tr> </thead> <tbody> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>273</td> <td>999</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            |                                                          |                                                    | Test Result Name | Unrounded Test Result | Verify Calculated CREE/OPT-CREE                          | Carbon-Related Exhaust Emissions | 273       | 999 |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unrounded Test Result                      | Verify Calculated CREE/OPT-CREE                          |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 273                                        | 999                                                      |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <table border="1"> <thead> <tr> <th>Test Result Name</th> <th>Unrounded Test Result</th> <th>Verify Calculated CO2</th> </tr> </thead> <tbody> <tr> <td>Carbon dioxide</td> <td>273.23191</td> <td>--</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                            |                                                          |                                                    | Test Result Name | Unrounded Test Result | Verify Calculated CO2                                    | Carbon dioxide                   | 273.23191 | --  |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| Test Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unrounded Test Result                      | Verify Calculated CO2                                    |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| Carbon dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 273.23191                                  | --                                                       |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                         |                                                          |                                                    |                  |                       |                                                          |                                  |           |     |                      |         |    |                                                    |       |    |                                            |      |    |                                                 |       |    |                                    |    |    |                      |          |    |                     |         |    |                                  |   |    |                              |         |    |

## Certification Summary Information Report

| Test Group           |               | VFMXT03.33F1               |               |                |     | Evaporative/Refueling Family |                          |        |         | VFMXR0165LDG        |          |           |
|----------------------|---------------|----------------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| 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 30      | CREE          | 999            | --  | --                           | --                       | 0      | --      | 999                 | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 30      | NMOG          | 0              | --  | 1.03                         | --                       | --     | --      | 0                   | 999.999  | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 30      | NMOG+NOX      | 0.002          | --  | --                           | --                       | --     | --      | 0.002               | 0.030    | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 30      | NOX           | 0.002          | --  | --                           | --                       | --     | --      | 0.002               | 999.999  | Pass      |
| CA                   | 150,000 miles | California LEV-III SULEV30 | NMOG          | 0              | --  | 1.03                         | --                       | --     | --      | 0                   | 999.999  | Pass      |
| CA                   | 150,000 miles | California LEV-III SULEV30 | NMOG+NOX      | 0.002          | --  | --                           | --                       | --     | --      | 0.002               | 0.030    | Pass      |
| CA                   | 150,000 miles | California LEV-III SULEV30 | NOX           | 0.002          | --  | --                           | --                       | --     | --      | 0.002               | 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

|                                                    |                                            |                                                                 |                                                    |
|----------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------|
| <b>Test Group</b>                                  | VFMXT03.33F1                               | <b>Evaporative/Refueling Family</b>                             | VFMXR0165LDG                                       |
| <b>Test #</b>                                      | <b>SFMX10084719</b>                        | <b>Test Procedure</b>                                           | <b>90 - US06</b>                                   |
| <b>Exhaust Test # for this Evap Test</b>           | --                                         | <b>Test Fuel Type</b>                                           | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                                   | 02/15/2024                                 | <b>Fuel</b>                                                     | Gasoline                                           |
| <b>Fuel Batch ID</b>                               | 373-B                                      | <b>Fuel Calibration Number</b>                                  | 82                                                 |
| <b>Vehicle Class</b>                               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) | <b>DF Type</b>                                                  | Mfr. Determined                                    |
| <b>Verify Test Lab ID</b>                          | APTL                                       |                                                                 |                                                    |
| <b>E10 Evaporative Test Measurement Method</b>     | --                                         | <b>Odometer Units</b>                                           | M                                                  |
| <b>Test Start Odometer Reading</b>                 | 4339                                       | <b>Diesel Adjustment Factor Usage</b>                           | --                                                 |
| <b>4WD Test Dyno</b>                               | Yes                                        |                                                                 |                                                    |
| <b>State of Charge Delta</b>                       | Yes                                        |                                                                 |                                                    |
| <b>Drive Cycle Speed Tolerance Criteria</b>        | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)  | <b>Road Speed Fan Usage</b>                                     | Yes                                                |
| <b>Test Results</b>                                |                                            |                                                                 |                                                    |
| <b>Test Result Name</b>                            | <b>Unrounded Test Result</b>               | <b>Verify Calculated FE Equivalent Value (miles per gallon)</b> |                                                    |
| CO2 BAG 1 (Bag 1 Carbon Dioxide)                   | 661.09809                                  | --                                                              |                                                    |
| FE BAG 1 (Bag 1 Fuel Economy)                      | 13.19651                                   | 13.19651                                                        |                                                    |
| CO2 BAG 2 (Bag 2 Carbon Dioxide)                   | 345.94744                                  | --                                                              |                                                    |
| FE BAG 2 (Bag 2 Fuel Economy)                      | 25.21907                                   | 25.21907                                                        |                                                    |
| METHANE (CH4 - Methane)                            | 0.00697                                    | --                                                              |                                                    |
| CO (Carbon Monoxide)                               | 0.2021                                     | --                                                              |                                                    |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -1.33                                      | --                                                              |                                                    |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.9                                       | --                                                              |                                                    |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -3.01                                      | --                                                              |                                                    |
| MFR FE (Manufacturer Fuel Economy)                 | 21                                         | 21                                                              |                                                    |
| NOX (Nitrogen Oxide)                               | 0.013501                                   | --                                                              |                                                    |
| NMOG (Non-methane organic gases)                   | 0.005343                                   | --                                                              |                                                    |
| PM (Particulate Matter)                            | 0.000942                                   | --                                                              |                                                    |
| HC-TOTAL (Total Hydrocarbon)                       | 0.01265                                    | --                                                              |                                                    |
| <b>Test Result Name</b>                            | <b>Unrounded Test Result</b>               | <b>Verify Calculated CREE/OPT-CREE</b>                          |                                                    |
| Carbon-Related Exhaust Emissions                   | 416                                        | --                                                              |                                                    |
| <b>Test Result Name</b>                            | <b>Unrounded Test Result</b>               | <b>Verify Calculated CO2</b>                                    |                                                    |
| Carbon dioxide                                     | 415.88131                                  | --                                                              |                                                    |
| <b>Manufacturer Test Comments</b>                  | --                                         |                                                                 |                                                    |

Certification Summary Information Report

| Test Group           |               | VFMXT03.33F1               |               |                |     | Evaporative/Refueling Family |                          |        |         | VFMXR0165LDG        |          |           |
|----------------------|---------------|----------------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| 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 30      | PM            | 0.0009         | --  | --                           | --                       | --     | --      | 0.001               | 0.006    | Pass      |
| CA                   | 150,000 miles | California LEV-III SULEV30 | PM            | 0.0009         | --  | --                           | --                       | --     | --      | 0.001               | 0.006    | Pass      |

## Certification Summary Information Report

|                                                           |                                           |                                                                 |                                                    |
|-----------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------|
| <b>Test Group</b>                                         | VFMXT03.33F1                              | <b>Evaporative/Refueling Family</b>                             | VFMXR0165LDG                                       |
| <b>Test #</b>                                             | <b>SFMX10084721</b>                       | <b>Test Procedure</b>                                           | <b>95 - SC03</b>                                   |
| <b>Exhaust Test # for this Evap Test</b>                  | --                                        | <b>Test Fuel Type</b>                                           | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) |
| <b>Test Date</b>                                          | 02/09/2024                                | <b>Fuel</b>                                                     | N/A                                                |
| <b>Fuel Batch ID</b>                                      | 373-B                                     | <b>Fuel Calibration Number</b>                                  | 82                                                 |
| <b>Vehicle Class</b>                                      | N/A                                       | <b>DF Type</b>                                                  | Mfr. Determined                                    |
| <b>Verify Test Lab ID</b>                                 | APTL                                      |                                                                 |                                                    |
| <b>E10 Evaporative Test Measurement Method</b>            | --                                        |                                                                 |                                                    |
| <b>Test Start Odometer Reading</b>                        | 4226                                      | <b>Odometer Units</b>                                           | M                                                  |
| <b>4WD Test Dyno</b>                                      | Yes                                       | <b>Diesel Adjustment Factor Usage</b>                           | --                                                 |
| <b>State of Charge Delta</b>                              | Yes                                       |                                                                 |                                                    |
| <b>Drive Cycle Speed Tolerance Criteria</b>               | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | <b>Road Speed Fan Usage</b>                                     | Yes                                                |
| <b>Test Results</b>                                       |                                           |                                                                 |                                                    |
| <b>Test Result Name</b>                                   | <b>Unrounded Test Result</b>              | <b>Verify Calculated FE Equivalent Value (miles per gallon)</b> |                                                    |
| <b>METHANE (CH4 - Methane)</b>                            | 0.01102                                   | --                                                              |                                                    |
| <b>CO (Carbon Monoxide)</b>                               | 0.13879                                   | --                                                              |                                                    |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | 0.64                                      | --                                                              |                                                    |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | 1.01                                      | --                                                              |                                                    |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | 0.03                                      | --                                                              |                                                    |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 17.6                                      | 17.6                                                            |                                                    |
| <b>NOX (Nitrogen Oxide)</b>                               | 0.006421                                  | --                                                              |                                                    |
| <b>NMOG (Non-methane organic gases)</b>                   | 0.0019                                    | --                                                              |                                                    |
| <b>HC-TOTAL (Total Hydrocarbon)</b>                       | 0.01364                                   | --                                                              |                                                    |
| <b>Test Result Name</b>                                   | <b>Unrounded Test Result</b>              | <b>Verify Calculated CREE/OPT-CREE</b>                          |                                                    |
| <b>Carbon-Related Exhaust Emissions</b>                   | 497                                       | --                                                              |                                                    |
| <b>Test Result Name</b>                                   | <b>Unrounded Test Result</b>              | <b>Verify Calculated CO2</b>                                    |                                                    |
| <b>Carbon dioxide</b>                                     | 497.0539                                  | --                                                              |                                                    |
| <b>Manufacturer Test Comments</b>                         | --                                        |                                                                 |                                                    |



## Certification Summary Information Report

| Test Group                                                                | VFMXT03.33F1                                       | Evaporative/Refueling Family                                              | VFMXR0165LDG |
|---------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------|--------------|
| <b>Fuel Properties</b>                                                    |                                                    |                                                                           |              |
| <b>Fuel Batch ID</b>                                                      | <b>375-B</b>                                       | <b>Fuel Calibration Number</b>                                            | <b>51</b>    |
| <b>Test Fuel Type</b>                                                     | 28 - Cold CO E10 Regular Gasoline (Tier 3)         | <b>Fuel Batch Calibration Date</b>                                        | 02/02/2024   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 02/02/2024                                         | <b>Fuel Batch Calibration Ineffective Date</b>                            | 12/31/2100   |
| <b>Carbon Weight Fraction NMHC</b>                                        | --                                                 | <b>Carbon Weight Fraction HC</b>                                          | --           |
| <b>Exhaust Carbon Weight Fraction</b>                                     | --                                                 | <b>Fuel Methanol Volume Fraction</b>                                      | --           |
| <b>Fuel Density (grams/cubic ft)</b>                                      | --                                                 | <b>Fuel Specific Gravity</b>                                              | 0.746        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | 9.8                                                | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | 17901        |
| <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> | 0.829                                              | <b>Weight Fraction CO2</b>                                                | --           |
| <b>Fuel Batch ID</b>                                                      | <b>373-B</b>                                       | <b>Fuel Calibration Number</b>                                            | <b>37</b>    |
| <b>Test Fuel Type</b>                                                     | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) | <b>Fuel Batch Calibration Date</b>                                        | 03/19/2019   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 03/19/2019                                         | <b>Fuel Batch Calibration Ineffective Date</b>                            | 12/31/2100   |
| <b>Carbon Weight Fraction NMHC</b>                                        | --                                                 | <b>Carbon Weight Fraction HC</b>                                          | --           |
| <b>Exhaust Carbon Weight Fraction</b>                                     | --                                                 | <b>Fuel Methanol Volume Fraction</b>                                      | --           |
| <b>Fuel Density (grams/cubic ft)</b>                                      | --                                                 | <b>Fuel Specific Gravity</b>                                              | 0.749        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | 9.6                                                | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | 17951        |
| <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> | 0.828                                              | <b>Weight Fraction CO2</b>                                                | --           |
| <b>Fuel Batch ID</b>                                                      | <b>373-B</b>                                       | <b>Fuel Calibration Number</b>                                            | <b>83</b>    |
| <b>Test Fuel Type</b>                                                     | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) | <b>Fuel Batch Calibration Date</b>                                        | 02/22/2024   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 02/22/2024                                         | <b>Fuel Batch Calibration Ineffective Date</b>                            | 12/31/2100   |
| <b>Carbon Weight Fraction NMHC</b>                                        | --                                                 | <b>Carbon Weight Fraction HC</b>                                          | --           |
| <b>Exhaust Carbon Weight Fraction</b>                                     | --                                                 | <b>Fuel Methanol Volume Fraction</b>                                      | --           |
| <b>Fuel Density (grams/cubic ft)</b>                                      | --                                                 | <b>Fuel Specific Gravity</b>                                              | 0.752        |
| <b>Fuel Ethanol Volume Percent (%)</b>                                    | 9.9                                                | <b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b> | 17898        |
| <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> | 0.83                                               | <b>Weight Fraction CO2</b>                                                | --           |
| <b>Fuel Batch ID</b>                                                      | <b>373-B</b>                                       | <b>Fuel Calibration Number</b>                                            | <b>82</b>    |
| <b>Test Fuel Type</b>                                                     | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) | <b>Fuel Batch Calibration Date</b>                                        | 12/22/2023   |
| <b>Fuel Batch Calibration Effective Date</b>                              | 12/22/2023                                         | <b>Fuel Batch Calibration Ineffective Date</b>                            | 12/31/2100   |

## Certification Summary Information Report

| Test Group                                                         |                                                    | VFMXT03.33F1 | Evaporative/Refueling Family                                       | VFMXR0165LDG |
|--------------------------------------------------------------------|----------------------------------------------------|--------------|--------------------------------------------------------------------|--------------|
| Carbon Weight Fraction NMHC                                        | --                                                 |              | Carbon Weight Fraction HC                                          | --           |
| Exhaust Carbon Weight Fraction                                     | --                                                 |              | Fuel Methanol Volume Fraction                                      | --           |
| Fuel Density (grams/cubic ft)                                      | --                                                 |              | Fuel Specific Gravity                                              | 0.752        |
| Fuel Ethanol Volume Percent (%)                                    | 10.3                                               |              | Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb) | 17862        |
| Fuel Net Heat of Combustion (E10) (MJ/kg)                          | --                                                 |              | Fuel Carbon Mass Fraction (E10)                                    | --           |
| Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0) | 0.829                                              |              | Weight Fraction CO2                                                | --           |
| Fuel Batch ID                                                      | 373-B                                              |              | Fuel Calibration Number                                            | 39           |
| Test Fuel Type                                                     | 48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.) |              | Fuel Batch Calibration Date                                        | 05/13/2019   |
| Fuel Batch Calibration Effective Date                              | 05/13/2019                                         |              | Fuel Batch Calibration Ineffective Date                            | 12/31/2100   |
| Carbon Weight Fraction NMHC                                        | --                                                 |              | Carbon Weight Fraction HC                                          | --           |
| Exhaust Carbon Weight Fraction                                     | --                                                 |              | Fuel Methanol Volume Fraction                                      | --           |
| Fuel Density (grams/cubic ft)                                      | --                                                 |              | Fuel Specific Gravity                                              | 0.749        |
| Fuel Ethanol Volume Percent (%)                                    | 9.6                                                |              | Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb) | 18008        |
| Fuel Net Heat of Combustion (E10) (MJ/kg)                          | --                                                 |              | Fuel Carbon Mass Fraction (E10)                                    | --           |
| Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0) | 0.83                                               |              | Weight Fraction CO2                                                | --           |

## Certification Summary Information Report

| Test Group                     |               | VFMXT03.33F1                               |     |             | Evaporative/Refueling Family    |                                   | VFMXR0165LDG                            |        |         |
|--------------------------------|---------------|--------------------------------------------|-----|-------------|---------------------------------|-----------------------------------|-----------------------------------------|--------|---------|
| Consolidated List of Standards |               |                                            |     |             |                                 |                                   |                                         |        |         |
| Exhaust Standards              |               |                                            |     |             |                                 |                                   |                                         |        |         |
| Cert Region                    |               | California + CAA Section 177 states        |     |             | Cert/In-Use Code                |                                   | Cert                                    |        |         |
| Vehicle Class                  |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   | California LEV-III SULEV30              |        |         |
| Fuel                           |               | Gasoline                                   |     |             | Test Procedure                  |                                   | Federal 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     |
| 150,000 miles                  | CO-COMP       | --                                         | --  | --          | --                              | --                                | --                                      | --     | 4.2     |
| 150,000 miles                  | HCHO          | --                                         | --  | --          | --                              | --                                | --                                      | --     | 0.004   |
| 150,000 miles                  | NMOG          | --                                         | --  | --          | --                              | --                                | --                                      | --     | 999.999 |
| 150,000 miles                  | NMOG+NOX      | --                                         | --  | --          | --                              | --                                | 1                                       | --     | 0.030   |
| 150,000 miles                  | NMOG+NOX-COMP | --                                         | --  | --          | --                              | --                                | --                                      | --     | 0.080   |
| 150,000 miles                  | NOX           | --                                         | --  | --          | --                              | --                                | --                                      | --     | 999.999 |
| 150,000 miles                  | PM            | --                                         | --  | --          | --                              | --                                | --                                      | --     | 0.003   |
|                                |               |                                            |     |             |                                 |                                   |                                         |        |         |
| Cert Region                    |               | Federal                                    |     |             | Cert/In-Use Code                |                                   | Cert                                    |        |         |
| Vehicle Class                  |               | LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000) |     |             | Standard Level                  |                                   | Federal Tier 3 Bin 30                   |        |         |
| Fuel                           |               | Gasoline                                   |     |             | Test Procedure                  |                                   | Federal 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     |
| 150,000 miles                  | CO-COMP       | --                                         | --  | --          | --                              | --                                | --                                      | --     | 4.2     |
| 150,000 miles                  | CREE          | --                                         | --  | --          | --                              | --                                | --                                      | 0      | 999.999 |
| 150,000 miles                  | HCHO          | --                                         | --  | --          | --                              | --                                | --                                      | --     | 0.004   |
| 150,000 miles                  | METHANE       | --                                         | --  | --          | --                              | --                                | --                                      | --     | 0.030   |
| 150,000 miles                  | N2O           | --                                         | --  | --          | --                              | --                                | --                                      | --     | 0.010   |
| 150,000 miles                  | NMOG          | --                                         | --  | 1.1         | --                              | --                                | --                                      | --     | 999.999 |
| 150,000 miles                  | NMOG+NOX      | --                                         | --  | --          | --                              | --                                | 1                                       | --     | 0.030   |
| 150,000 miles                  | NMOG+NOX-COMP | --                                         | --  | --          | --                              | --                                | --                                      | --     | 0.080   |
| 150,000 miles                  | NOX           | --                                         | --  | --          | --                              | --                                | --                                      | --     | 999.999 |
| 150,000 miles                  | OPT-CREE      | --                                         | --  | --          | --                              | --                                | --                                      | 0      | 999.999 |
| 150,000 miles                  | PM            | --                                         | --  | --          | --                              | --                                | --                                      | --     | 0.003   |

## Certification Summary Information Report

|                      |                      |                                            |            |                    |                                        |                                          |                |                            |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|----------------------------|------------|
| <b>Test Group</b>    |                      | VFMXT03.33F1                               |            |                    | <b>Evaporative/Refueling Family</b>    |                                          |                | VFMXR0165LDG               |            |
| <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>                  |                                          |                | California LEV-III SULEV30 |            |
| <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                   | --                                         | --         | --                 | --                                     | --                                       | --             | --                         | 12.5       |

|                      |                      |                                            |            |                    |                                        |                                          |                |                       |            |
|----------------------|----------------------|--------------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|-----------------------|------------|
| <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 30 |            |
| <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                 | --                                         | --         | --                 | --                                     | --                                       | --             | 0                     | 999.999    |
| 150,000 miles        | NMOG                 | --                                         | --         | 1.03               | --                                     | --                                       | --             | --                    | 999.999    |
| 150,000 miles        | NMOG+NOX             | --                                         | --         | --                 | --                                     | --                                       | 1              | --                    | 0.030      |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | --             | --                    | 999.999    |
| 150,000 miles        | OPT-CREE             | --                                         | --         | --                 | --                                     | --                                       | --             | 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>                  |                                          |                | California LEV-III SULEV30 |            |
| <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                 | --                                         | --         | 1.03               | --                                     | --                                       | --             | --                         | 999.999    |
| 150,000 miles        | NMOG+NOX             | --                                         | --         | --                 | --                                     | --                                       | 1              | --                         | 0.030      |
| 150,000 miles        | NOX                  | --                                         | --         | --                 | --                                     | --                                       | --             | --                         | 999.999    |

## Certification Summary Information Report

|                      |                                            |                       |            |                                     |                                        |                                          |                            |               |            |
|----------------------|--------------------------------------------|-----------------------|------------|-------------------------------------|----------------------------------------|------------------------------------------|----------------------------|---------------|------------|
| <b>Test Group</b>    | VFMXT03.33F1                               |                       |            | <b>Evaporative/Refueling Family</b> |                                        |                                          | VFMXR0165LDG               |               |            |
| <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>               |                                        |                                          | California LEV-III SULEV30 |               |            |
| <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        | PM                                         | --                    | --         | --                                  | --                                     | --                                       | --                         | --            | 0.006      |

|                      |                                            |                       |            |                         |                                        |                                          |                       |               |            |
|----------------------|--------------------------------------------|-----------------------|------------|-------------------------|----------------------------------------|------------------------------------------|-----------------------|---------------|------------|
| <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 30 |               |            |
| <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                                         | --                    | --         | --                      | --                                     | --                                       | --                    | --            | 12.5       |
| 120,000 miles        | HC-NM                                      | --                    | --         | --                      | --                                     | --                                       | --                    | --            | 0.3        |

|                      |                                            |                       |            |                         |                                        |                                          |                       |               |            |
|----------------------|--------------------------------------------|-----------------------|------------|-------------------------|----------------------------------------|------------------------------------------|-----------------------|---------------|------------|
| <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 30 |               |            |
| <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        | PM                                         | --                    | --         | --                      | --                                     | --                                       | --                    | --            | 0.006      |

## Evaporative/Refueling Standards

|                              |               |                |                |                |        |                     |  |
|------------------------------|---------------|----------------|----------------|----------------|--------|---------------------|--|
| Evaporative/Refueling Family |               | VFMXR0165LDG   |                | Cert Region    |        | Federal             |  |
| Cert/In-Use Code             |               | Both           |                | Standard Level |        | Federal Tier 3 Evap |  |
| Test Procedure               |               | 2-day evap     |                |                |        |                     |  |
| Fuel                         | Useful Life   | Emission Name  | Rounded Result | Std            | Add DF |                     |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV | --             | 0.500          | 0      |                     |  |

## Certification Summary Information Report

|                              |               |                                    |                |                              |        |                                         |  |
|------------------------------|---------------|------------------------------------|----------------|------------------------------|--------|-----------------------------------------|--|
| Test Group                   |               | VFMXT03.33F1                       |                | Evaporative/Refueling Family |        | VFMXR0165LDG                            |  |
| Evaporative/Refueling Family |               | VFMXR0165LDG                       |                | Cert Region                  |        | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |               | Federal fuel refueling test (ORVR) |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | OMHCE                              | --             | 0.20                         | 0.002  |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |
| Evaporative/Refueling Family |               | VFMXR0165LDG                       |                | Cert Region                  |        | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |               | Evap Canister Bleed Test           |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | HC-TOTAL                           | --             | 0.020                        | 0      |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |
| Evaporative/Refueling Family |               | VFMXR0165LDG                       |                | Cert Region                  |        | Federal                                 |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | Federal Tier 3 Evap                     |  |
| Test Procedure               |               | Federal fuel 3-day evap            |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.500                        | 0      |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |
| Evaporative/Refueling Family |               | VFMXR0165LDG                       |                | Cert Region                  |        | Federal                                 |  |
| Cert/In-Use Code             |               | Both                               |                | Standard Level               |        | Federal Tier 3 Evap                     |  |
| Test Procedure               |               | Federal Fuel Running Loss          |                |                              |        |                                         |  |
| Fuel                         | Useful Life   | Emission Name                      | Rounded Result | Std                          | Add DF |                                         |  |
| Gasoline                     | 150,000 miles | HC-TOTAL-EQUIV                     | --             | 0.05                         | 0.002  |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |
| Evaporative/Refueling Family |               | VFMXR0165LDG                       |                | Cert Region                  |        | Federal                                 |  |
| Cert/In-Use Code             |               | Both                               |                | 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                           | --             | 0.020                        | 0      |                                         |  |
|                              |               |                                    |                |                              |        |                                         |  |

## Certification Summary Information Report

|                              |  |                                    |  |                              |  |                                         |  |
|------------------------------|--|------------------------------------|--|------------------------------|--|-----------------------------------------|--|
| Test Group                   |  | VFMXT03.33F1                       |  | Evaporative/Refueling Family |  | VFMXR0165LDG                            |  |
| Evaporative/Refueling Family |  | VFMXR0165LDG                       |  | Cert Region                  |  | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |  | Both                               |  | Standard Level               |  | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |  | Federal fuel 3-day evap            |  |                              |  |                                         |  |
| Fuel                         |  | Useful Life                        |  | Emission Name                |  | Rounded Result                          |  |
| Gasoline                     |  | 150,000 miles                      |  | OMHCE                        |  | Std                                     |  |
|                              |  |                                    |  |                              |  | Add DF                                  |  |
|                              |  |                                    |  |                              |  | 0                                       |  |
|                              |  |                                    |  |                              |  |                                         |  |
| Evaporative/Refueling Family |  | VFMXR0165LDG                       |  | Cert Region                  |  | Federal                                 |  |
| Cert/In-Use Code             |  | Both                               |  | Standard Level               |  | Federal Tier 3 Evap                     |  |
| Test Procedure               |  | Federal fuel refueling test (ORVR) |  |                              |  |                                         |  |
| Fuel                         |  | Useful Life                        |  | Emission Name                |  | Rounded Result                          |  |
| Gasoline                     |  | 150,000 miles                      |  | HC-TOTAL-EQUIV               |  | Std                                     |  |
|                              |  |                                    |  |                              |  | Add DF                                  |  |
|                              |  |                                    |  |                              |  | 0.002                                   |  |
|                              |  |                                    |  |                              |  |                                         |  |
| Evaporative/Refueling Family |  | VFMXR0165LDG                       |  | Cert Region                  |  | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |  | Both                               |  | Standard Level               |  | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |  | 2-day evap                         |  |                              |  |                                         |  |
| Fuel                         |  | Useful Life                        |  | Emission Name                |  | Rounded Result                          |  |
| Gasoline                     |  | 150,000 miles                      |  | OMHCE                        |  | Std                                     |  |
|                              |  |                                    |  |                              |  | Add DF                                  |  |
|                              |  |                                    |  |                              |  | 0                                       |  |
|                              |  |                                    |  |                              |  |                                         |  |
| Evaporative/Refueling Family |  | VFMXR0165LDG                       |  | Cert Region                  |  | California + CAA Section 177 states     |  |
| Cert/In-Use Code             |  | Both                               |  | Standard Level               |  | California LEV-III Zero Evap (Option 2) |  |
| Test Procedure               |  | Federal Fuel Running Loss          |  |                              |  |                                         |  |
| Fuel                         |  | Useful Life                        |  | Emission Name                |  | Rounded Result                          |  |
| Gasoline                     |  | 150,000 miles                      |  | OMHCE                        |  | Std                                     |  |
|                              |  |                                    |  |                              |  | Add DF                                  |  |
|                              |  |                                    |  |                              |  | 0.002                                   |  |

## Certification Summary Information Report

| Test Group           |                                                                 | VFMXT03.33F1       | Evaporative/Refueling Family                       | VFMXR0165LDG |
|----------------------|-----------------------------------------------------------------|--------------------|----------------------------------------------------|--------------|
| Glossary             |                                                                 |                    |                                                    |              |
| <b>Useful Life</b>   |                                                                 |                    |                                                    |              |
| 4                    | 4,000 miles                                                     | 120                | 120,000 miles                                      |              |
| 50                   | 50,000 miles                                                    | 150                | 150,000 miles                                      |              |
| 100                  | 100,000 miles                                                   |                    |                                                    |              |
| <b>Emission Name</b> |                                                                 |                    |                                                    |              |
| HC-TOTAL             | Total Hydrocarbon                                               | COMB-CREE          | Combined Carbon-Related Exhaust Emissions          |              |
| CO                   | Carbon Monoxide                                                 | COMB-OPT-CREE      | Combined Optional Carbon-Related Exhaust Emissions |              |
| CO2                  | Carbon dioxide                                                  | HC-TOTAL-EQUIV     | Total Hydrocarbon equivalent - Evap only           |              |
| CREE                 | Carbon-Related Exhaust Emissions                                | METHANE-COMB       | Combined CH4 for HD 2b/3 vehicles only             |              |
| OPT-CREE             | Optional Carbon-Related Exhaust Emissions                       | N2O-COMB           | Combined Nitrous Oxide for HD 2b/3 vehicles only   |              |
| NOX                  | Nitrogen Oxide                                                  | LEAK-DIA           | Effective Leak Diameter (inches)                   |              |
| PM                   | Particulate Matter                                              | LEAK-GAS CAP       | Gas Cap Leakage (cc/min)                           |              |
| PM-COMP              | SFTP Composite Particulate Matter                               | CO2-COMB           | Combined Carbon Dioxide for HD 2b/3 Vehicles Only  |              |
| HC-NM                | Non-methane Hydrocarbon                                         | KW-HRS             | Integrated DC KW-HRS                               |              |
| OMHCE                | Organic material Hydrocarbon Equivalent                         | CH4 BAG 1          | Bag 1 Methane                                      |              |
| OMNMHCE              | Organic material non-methane HC equivalent                      | CH4 BAG 2          | Bag 2 Methane                                      |              |
| NMOG                 | Non-methane organic gases                                       | CH4 BAG 3          | Bag 3 Methane                                      |              |
| HCHO                 | Formaldehyde                                                    | CH4 BAG 4          | Bag 4 Methane                                      |              |
| H3C2HO               | Acetaldehyde                                                    | CO BAG 1           | Bag 1 Carbon Monoxide                              |              |
| HC-NM+NOX            | SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03 | CO BAG 2           | Bag 2 Carbon Monoxide                              |              |
| HC-NM+NOX-COMP       | SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides        | CO BAG 3           | Bag 3 Carbon Monoxide                              |              |
| CO-COMP              | SFTP Composite Carbon Monoxide                                  | CO BAG 4           | Bag 4 Carbon Monoxide                              |              |
| ETHANOL              | C2H5OH - Ethanol                                                | NMOG BAG 1         | Bag 1 Non-methane organic gases                    |              |
| FE BAG 1             | Bag 1 Fuel Economy                                              | NMOG BAG 2         | Bag 2 Non-methane organic gases                    |              |
| FE BAG 2             | Bag 2 Fuel Economy                                              | NMOG BAG 3         | Bag 3 Non-methane organic gases                    |              |
| FE BAG 3             | Bag 3 Fuel Economy                                              | NMOG BAG 4         | Bag 4 Non-methane organic gases                    |              |
| FE BAG 4             | Bag 4 Fuel Economy                                              | ACT-DISTANCE BAG 1 | Bag 1 Actual Distance                              |              |
| MFR FE               | Manufacturer Fuel Economy                                       | ACT-DISTANCE BAG 2 | Bag 2 Actual Distance                              |              |
| HC                   | Hydrocarbon for Running Loss and ORVR                           | ACT-DISTANCE BAG 3 | Bag 3 Actual Distance                              |              |
| METHANE              | CH4 - Methane                                                   | ACT-DISTANCE BAG 4 | Bag 4 Actual Distance                              |              |
| METHANOL             | CH3OH - Methanol                                                | HC-TOTAL BAG 1     | Bag 1 Total Hydrocarbon                            |              |
| N2O                  | Nitrous Oxide                                                   | HC-TOTAL BAG 2     | Bag 2 Total Hydrocarbon                            |              |
| SPITBACK             | Spitback Hydrocarbon in grams                                   | HC-TOTAL BAG 3     | Bag 3 Total Hydrocarbon                            |              |
| AMP-HRS              | Integrated Amp-hours                                            | HC-TOTAL BAG 4     | Bag 4 Total Hydrocarbon                            |              |
| START-SOC            | System Start State of Charge Watt-hours                         | WATT-HRS BAG 1     | Bag 1 Watt Hours                                   |              |
| END-SOC              | System End State of Charge Watt-hours                           | WATT-HRS BAG 2     | Bag 2 Watt Hours                                   |              |



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| Test Group                             |                                                            | VFMXT03.33F1 | Evaporative/Refueling Family |                                                 | VFMXR0165LDG |
|----------------------------------------|------------------------------------------------------------|--------------|------------------------------|-------------------------------------------------|--------------|
| 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                    |                                                                   | VFMXT03.33F1 | Evaporative/Refueling Family                             |                            | VFMXR0165LDG |
|-------------------------------|-------------------------------------------------------------------|--------------|----------------------------------------------------------|----------------------------|--------------|
| 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                                  |                            |              |

Certification Summary Information Report

| Test Group                    |                                 | VFMXT03.33F1 | Evaporative/Refueling Family |                                  | VFMXR0165LDG |
|-------------------------------|---------------------------------|--------------|------------------------------|----------------------------------|--------------|
| 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                     |              |