Certification Summary Information Report

Manufacturer	Ferrari S.p.A.	**Manufacturer Code**	FEX
Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
Certificate Number	VFEXV02.9HYB-005	**CARB Executive Order #**	--
Certificate Issue Date	04/30/2026	**Certificate Revision Date**	--
Certificate Effective Date	04/30/2026	**Conditional Certificate**	No
CSI Revision #	--	**CSI Submission/Revision Date**	04/27/2026 03:17:21 PM
Model Year	2027		

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Group Information

CSI Type	Update for Correction	**Running Change Reference Number**	--
GHG Exempt Status	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 fuel injection	No

Drive Source #2: Electric Motor

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Electricity	--	--

Hybrid Indicator	Yes		
Multiple Fuel Storage	--	**Rechargeable Energy Storage System Indicator**	Yes
Multiple Fuel Combustion	--	**Off-board Charge Capable Indicator**	Yes
Fuel Cell Indicator	No	**EPA Vehicle Class**	LDV
Federal Clean Fuel Vehicle	No	**Federal Clean Fuel Vehicle Standard**	--
Federal Clean Fuel Vehicle ILEV	--	**California Partial Zero Emissions Vehicle Indicator**	No
Durability Group Name	VFEXGPGNNGDI	**Durability Group Equivalency Factor**	1
Reduced Fee Test Group	No	**Certification Region Code(s)**	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	09/01/2026	**CAP2000 Conditional Certificate?**	No
Independent Commercial Importer?	No	**Alternative Fuel Converter Certificate?**	No
SFTP Federal Composite Compliance Identifier	Tier 3	**SFTP Tier 2 Composite CO Option**	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	**OBD Demonstration Vehicle Test Group**	VFEXV02.9HYB
Test Group OBD Compliance Level	Partial - with deficiencies	**Number of Test Group OBD Deficiencies**	1
OBD Deficiencies Comments	1 deficiency for SAE J1979-2 implementation.		
Mfr Test Group Comments	--		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Evaporative/Refueling Family Information

Evaporative Summary Information Type	New	**Submission/Correction Date**	03/11/2026 02:14:29 PM
Integrated ORVR?	Yes	**Fuel(s)**	Gasoline, Electricity
Multiple Fuel Storage	Fuels Stored Separately		
Bladder Fuel Tank?	No		
Fuel Tank Material	Metal	**Fuel Tank Material Description**	Aluminum
Fill Pipe Seal Type	Liquid seal		
Air Intake System Vapor Storage Device?	No	**Air Intake System Vapor Storage Device Description**	--
Fuel System Vapor Storage Canister?	Yes	**Other Vapor Storage**	--
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	175	**Number of Primary Canisters**	1
Number of Bleed Canisters	1	**Bleed Canister Total Working Capacity (grams)**	3
Mfr Evaporative/Refueling Family Comments	Evaporative Family of 296 Speciale and 296 Speciale A.		

Leak Family Details

Leak Family Indicator	Yes		
Canister Bleed Test Indicator	No	**Applicability of Evaporative Canister Bleed Test**	--
Evaporative Canister Bleed Test Comments	--		
CARB Fuel Only (Rig) Test Indicator	No	**Applicability of CARB Fuel Only (Rig) Test**	--
CARB Fuel Only (Rig) Test Comments	--		

Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description
VFEXR017506X-001	50 State	0.02	--

Models Covered by this Certificate

Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Ferrari S.p.A.	2 - Ferrari S.p.A.	192 - 296 Speciale A	California + CAA Section 177 states	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	No
Ferrari S.p.A.	2 - Ferrari S.p.A.	192 - 296 Speciale A	Federal	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	No
Ferrari S.p.A.	2 - Ferrari S.p.A.	191 - 296 Speciale	California + CAA Section 177 states	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	No
Ferrari S.p.A.	2 - Ferrari S.p.A.	191 - 296 Speciale	Federal	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	No

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Engine Description

Hybrid Type	IC Engine/Electric Motor	**Hybrid Description**	Not applicable.
Engine Type	4-Stroke Spark Ignition	**Mfr Engine Description**	See application.
Engine Block Arrangement	V-shaped engine	**Mfr Engine Block Arrangement Description**	See application.
Camless Valvetrain Indicator	No	**Oil Viscosity/Classification**	5W40
Number of Cylinders/Rotors	6	**Mechanically Variable Compression Ratio Indicator**	N

After Treatment Device(s) (ATD)

ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction
1	Three-way catalyst	Palladium + Rhodium	Metal	Monolith
2	Other	Palladium + Rhodium	Metal	Monolith

Mfr After Treatment Device (ATD) Comments	See application.
Direct Ozone Reduction (DOR) Device	Not Equipped
Mfr Emission Control Device Comments	See application.

Engine Configuration Number 1

Engine Displacement (liters)	2.9	**Engine Rated Horsepower**	691
Number of Inlet Valves Per Cylinder	2	**Number of Exhaust Valves Per Cylinder**	2
Air Aspiration Method	Turbocharged	**Number of Air Aspiration Devices**	2
Air Aspiration Device Configuration	Parallel	**Charge Air Cooler Type**	Air
Air Aspiration Drive Method(s)	Mechanical		
Cylinder Deactivation	No		
Cylinder Deactivation Description	--		
Variable Valve Timing	Yes		
Variable Valve Timing System Description	Variable camshaft timing for exhaust and inlet.		
Variable Valve Lift?	No		
Variable Valve Lift System Description	--		
Number of Knock Sensors	1	**Number of Air/Fuel Sensors**	4
Air/Fuel Sensor # 1 Type	Heated oxygen	**Air/Fuel Sensor # 1 Description**	--
Air/Fuel Sensor # 2 Type	Heated oxygen	**Air/Fuel Sensor # 2 Description**	--
Air/Fuel Sensor # 3 Type	Heated oxygen	**Air/Fuel Sensor # 3 Description**	--
Air/Fuel Sensor # 4 Type	Heated oxygen	**Air/Fuel Sensor # 4 Description**	--
Mfr Air/Fuel Sensor Comments	--		
Exhaust Gas Recirculation	No	**Cooled Exhaust Gas Recirculation**	No
EGR Type	--	**Exhaust Gas Recirculation Description if 'Other'**	--
Closed Loop Air Injection System	--		
Air Injection Type	Not Applicable	**Air Injection Type if 'Other'**	--
Mfr Engine Configuration Comments	--		

Certification Summary Information Report

Test Group	VFEXV02.9HYB	Evaporative/Refueling Family	VFEXR017506X

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	TFEX10091475	TFEX10091402	TFEX10091403	TFEX10091507	TFEX10091492	--	--	--	--	--
Gasoline	TFEX10091475	TFEX10091402	TFEX10091403	TFEX10091507	TFEX10091492	--	15.3	--	53.9	--

SFTP LEV-III Official Test Numbers

Test Group Fuel	FTP	US06	SC03
Gasoline	TFEX10091475	TFEX10091402	TFEX10091403
Electricity	TFEX10091475	TFEX10091402	TFEX10091403

Official Charge Depleting Test Numbers

Test Group Fuel	UDDS	Highway
Electricity	TFEX10091745	TFEX10091749
Gasoline	TFEX10091745	TFEX10091749

Hybrid Electric Vehicle And Fuel Cell Information

Rechargable Energy Storage System	Battery(s)	**Rechargable Energy Storage System, if Other**	--
Battery Type	Lithium Ion	**Number of Battery Packs**	1
Total Voltage of Battery Packs	294	**Battery Energy Capacity**	21
Battery Specific Energy	79.2	**Battery Charger Type**	On-Board
Number of Capacitors	--	**Capacitor Rating (In Farads)**	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Electrical Regen Brake		
Regenerative Braking Source	Rear Wheels	**Driver Controlled Regenerative Braking**	No
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	1		
Motor/Generator Type 1	PMSM = Perm Magnet Synchronous	**Rated Motor/Generator Power**	137
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	**Usable H2 Fill Capacity (kg)**	--
Mfr Hybrid Electric/ Electric Vehicle Comments	--		

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Emission Data Vehicle Information

Vehicle ID / Configuration	312306 / 0	**Manufacturer Vehicle Configuration Number**	0
Original Test Group Name	TFEXV02.9HYB	**Original Evaporative/Refueling Family**	TFEXR017506X
Original Test Vehicle Model Year	2026		

Vehicle Model

Represented Test Vehicle Make	Ferrari	**Represented Test Vehicle Model**	296 Speciale A

Leak Family Details

Leak Family Identifier	001	**Leak Family Name**	TFEXR017506X-001

Drive Sources and Fuel System Details

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

Hybrid Indicator	Yes		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	No	**Rechargeable Energy Storage System Indicator**	Yes
Rechargeable Energy Storage System	Battery(s)	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	Yes		
Odometer Correction -- Initial	0.6	**Odometer Correction Factor**	1.04
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Kilometers		
Engine Code	F163 BD	**Rated Horsepower**	691
Displacement (liters)	2.9		
Air Aspiration Method	Turbocharged	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	2	**Air Aspiration Device Configuration**	Parallel
Charge Air Cooler Type	Air	**Drive Mode While Testing**	2-Wheel Drive, Rear
Shift Indicator Light Usage	Equipped, shifted by survey schedule	**Aged Emission Components**	150,000 (mi)
Curb Weight (lbs)	3748	**Equivalent Test Weight (pounds)**	4250
GVWR (lbs)	4365	**N/V Ratio**	25.9
Axle Ratio	4.51		
Transmission Type	Automated Manual- Selectable (e.g. Automated Manual with paddles)	**# of Transmission Gears**	8
Transmission Lockup	No	**Creeper Gear**	No

Certification Summary Information Report

Test Group	VFEXV02.9HYB	Evaporative/Refueling Family	VFEXR017506X

Dynamometer Coefficients:

Coefficient Category	Target Coefficients A (lbf)	Target Coefficients B (lbf/mph)	Target Coefficients C (lbf/mph**2)	Set Coefficients A (lbf)	Set Coefficients B (lbf/mph)	Set Coefficients C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	44.1	0.72	0.01805	16.2	0.38	0.02023	16.7
Cold CO	48.5	0.792	0.01985	17.4	0.507	0.02132	N/A
US06	44.1	0.72	0.01805	16.2	0.38	0.02023	N/A

Emission Control Device Comments --

Manufacturer Test Vehicle Comments MY 2026 - F171 KCB - 296 Speciale A

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091404**	**Test Procedure**	**52 - Fed. fuel 50 F exh.**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	05/09/2025	**Fuel**	Gasoline
Fuel Batch ID	67414	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9203	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.001809	--
CO (Carbon Monoxide)	0.038942	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	22.781	22.781
NOX (Nitrogen Oxide)	0.028567	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0.001327	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	382.31	--

Manufacturer Test Comments F171 KCB - FTP p50F - Charge Sustaining

Certification Summary Information Report

Test Group VFEXV02.9HYB **Evaporative/Refueling Family** VFEXR017506X

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
CA	150,000 miles	California LEV-IV ULEV50	CO	0.04	--	--	--	0	--	0	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0	--	--	--	0	--	0	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0286	--	--	--	--	--	0.029	0.100	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0286	--	--	--	0	--	0.029	999.999	Pass

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091474**	**Test Procedure**	**21 - Federal fuel 2-day exhaust (w/can load)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	61 - Tier 2 Cert Gasoline
Test Date	06/28/2025	**Fuel**	Gasoline
Fuel Batch ID	53673	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	10771	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.017509	--
CO (Carbon Monoxide)	0.1700928	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	22.535	22.535
NOX (Nitrogen Oxide)	0.036661	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
PM (Particulate Matter)	0.000807	--
HC-TOTAL (Total Hydrocarbon)	0.00428	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	395	393

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	392.575	--

Manufacturer Test Comments F171 KCB - US06 - E0 - Charge Sustaining

Certification Summary Information Report

Test Group VFEXV02.9HYB **Evaporative/Refueling Family** VFEXR017506X

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 50	CO	0.17	--	--	--	0	--	0.2	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CREE	393	--	--	--	0	--	393	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0	--	--	--	0	--	0	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0367	--	--	--	--	--	0.037	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0367	--	--	--	0	--	0.037	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0008	--	--	--	0	--	0.001	0.003	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.17	--	--	--	0	--	0.2	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0	--	--	--	0	--	0	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0367	--	--	--	--	--	0.037	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0367	--	--	--	0	--	0.037	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0008	--	--	--	0	--	0.001	0.003	Pass

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

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091475**	**Test Procedure**	**21 - Federal fuel 2-day exhaust (w/can load)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	04/12/2025	**Fuel**	Gasoline
Fuel Batch ID	066088	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7288	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Certification Summary Information Report

Test Group	VFEXV02.9HYB	Evaporative/Refueling Family	VFEXR017506X

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	463.95	--
CO BAG 1 (Bag 1 Carbon Monoxide)	0.9171	--
FE BAG 1 (Bag 1 Fuel Economy)	18.8167	18.8167
CH4 BAG 1 (Bag 1 Methane)	0.0071	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0316	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	426.56	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.4839	--
FE BAG 2 (Bag 2 Fuel Economy)	20.4977	20.4977
CH4 BAG 2 (Bag 2 Methane)	0.0038	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--
METHANE (CH4 - Methane)	0.0052	--
CO (Carbon Monoxide)	0.67021	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	19.7394	19.7394
NOX (Nitrogen Oxide)	0.0078	--
N2O (Nitrous Oxide)	0.0029	--
HC-NM (Non-methane Hydrocarbon)	0.0123	--
NMOG (Non-methane organic gases)	0.0136	--
PM (Particulate Matter)	0.00146	--
HC-TOTAL (Total Hydrocarbon)	0.0165	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	444	444

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	442.64	--

Manufacturer Test Comments F171 KCB - FTP75 - E10 Summer - Charge Sustaining

Certification Summary Information Report

Test Group VFEXV02.9HYB **Evaporative/Refueling Family** VFEXR017506X

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 50	CO	0.67	--	--	--	0	--	0.7	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CO-COMP	0.48	--	--	--	0	--	0.5	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CREE	444	--	--	--	0	--	444	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0136	--	--	--	0	--	0.014	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0214	--	--	--	--	--	0.021	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX-COMP	0.0165	--	--	--	0	--	0.016	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0078	--	--	--	0	--	0.008	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0015	--	--	--	0	--	0.002	0.003	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.67	--	--	--	0	--	0.7	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0136	--	--	--	0	--	0.014	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0214	--	--	--	--	--	0.021	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX-COMP	0.0165	--	--	--	0	--	0.016	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0078	--	--	--	0	--	0.008	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0015	--	--	--	0	--	0.002	0.003	Pass

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

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091504**	**Test Procedure**	**21 - Federal fuel 2-day exhaust (w/can load)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	61 - Tier 2 Cert Gasoline
Test Date	06/20/2025	**Fuel**	Gasoline
Fuel Batch ID	53673	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Maserati Test Laboratory		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	10496	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	529.3129	--
FE BAG 1 (Bag 1 Fuel Economy)	16.6512	16.6512
CO2 BAG 2 (Bag 2 Carbon Dioxide)	424.6357	--
FE BAG 2 (Bag 2 Fuel Economy)	20.8489	20.8489
CO2 BAG 3 (Bag 3 Carbon Dioxide)	382.6856	--
FE BAG 3 (Bag 3 Fuel Economy)	23.0337	23.0337
CO2 BAG 4 (Bag 4 Carbon Dioxide)	486.9932	--
FE BAG 4 (Bag 4 Fuel Economy)	18.1797	18.1797
METHANE (CH4 - Methane)	0.0061	--
CO (Carbon Monoxide)	0.5697	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	19.5369	19.5369
NOX (Nitrogen Oxide)	0.009	--
N2O (Nitrous Oxide)	0.0019	--
HC-NM (Non-methane Hydrocarbon)	0.016	--
NMOG (Non-methane organic gases)	0.0164	--
PM (Particulate Matter)	0.0002	--
HC-TOTAL (Total Hydrocarbon)	0.0215	--

Certification Summary Information Report

Test Group	VFEXV02.9HYB	Evaporative/Refueling Family	VFEXR017506X

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	454	454

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	453.184	--

Manufacturer Test Comments F171 KCB - E0 FTP75

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 50	CO	0.57	--	--	--	0	--	0.6	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CREE	454	--	--	--	0	--	454	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0164	--	--	--	0	--	0.016	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0254	--	--	--	--	--	0.025	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.009	--	--	--	0	--	0.009	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0002	--	--	--	0	--	0	0.003	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.57	--	--	--	0	--	0.6	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0164	--	--	--	0	--	0.016	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0254	--	--	--	--	--	0.025	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.009	--	--	--	0	--	0.009	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0002	--	--	--	0	--	0	0.003	Pass

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

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091507**	**Test Procedure**	**11 - Cold CO**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	29 - Cold CO E10 Premium Gasoline (Tier 3)
Test Date	02/27/2025	**Fuel**	Gasoline
Fuel Batch ID	63810	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7754	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	557.656	--
CO BAG 1 (Bag 1 Carbon Monoxide)	1.498675	--
FE BAG 1 (Bag 1 Fuel Economy)	15.361	15.361
CH4 BAG 1 (Bag 1 Methane)	0.019672	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.124112	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	460.137	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.087434	--
FE BAG 2 (Bag 2 Fuel Economy)	18.703	18.703
CH4 BAG 2 (Bag 2 Methane)	0.00226	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.005072	--
METHANE (CH4 - Methane)	0.010938	--
CO (Carbon Monoxide)	0.790777	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	16.874	16.874
HC-NM (Non-methane Hydrocarbon)	0.067746	--
NMOG (Non-methane organic gases)	0.063987	--
HC-TOTAL (Total Hydrocarbon)	0.790777	--

Certification Summary Information Report

Test Group	VFEXV02.9HYB	Evaporative/Refueling Family	VFEXR017506X

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	508.739	--

Manufacturer Test Comments F171 KCB - E10 - Cold CO - Charge Sustaining

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 50	CO	0.79	--	--	--	0	--	0.8	10.0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	HC-NM	0.0677	--	--	--	0	--	0.068	0.300	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.064	--	--	--	0	--	0.064	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.79	--	--	--	0	--	0.8	10.0	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.064	--	--	--	0	--	0.064	999.999	Pass

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091492**	**Test Procedure**	**3 - HWFE**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	02/04/2025	**Fuel**	Gasoline
Fuel Batch ID	066088	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7302	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0.097743	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	10.234	10.234
NOX (Nitrogen Oxide)	0.00459	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	298	98

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	97.743	--

Manufacturer Test Comments F171 KCB - HWFET - E10 Summer - Charge Sustaining

Certification Summary Information Report

Test Group VFEXV02.9HYB **Evaporative/Refueling Family** VFEXR017506X

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 50	CREE	98	--	--	--	0	--	98	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0	--	--	--	0	--	0	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0046	--	--	--	--	--	0.005	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0046	--	--	--	0	--	0.005	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0	--	--	--	0	--	0	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0046	--	--	--	--	--	0.005	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0046	--	--	--	0	--	0.005	999.999	Pass

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

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091505**	**Test Procedure**	**3 - HWFE**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	61 - Tier 2 Cert Gasoline
Test Date	06/20/2025	**Fuel**	Gasoline
Fuel Batch ID	53673	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Maserati Test Laboratory		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	10519	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.001	--
CO (Carbon Monoxide)	0.084	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	30.72	30.72
NOX (Nitrogen Oxide)	0.004	--
HC-NM (Non-methane Hydrocarbon)	0.001	--
NMOG (Non-methane organic gases)	0.001	--
HC-TOTAL (Total Hydrocarbon)	0.002	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	289	288

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	287.996	--

Manufacturer Test Comments F171 KCB - E0 - HWY

Certification Summary Information Report

Test Group VFEXV02.9HYB **Evaporative/Refueling Family** VFEXR017506X

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 50	CREE	288	--	--	--	0	--	288	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.001	--	--	--	0	--	0.001	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.005	--	--	--	--	--	0.005	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.004	--	--	--	0	--	0.004	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.001	--	--	--	0	--	0.001	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.005	--	--	--	--	--	0.005	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.004	--	--	--	0	--	0.004	999.999	Pass

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

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091642**	**Test Procedure**	**34 - Federal fuel 3-day evap**
Exhaust Test # for this Evap Test	TFEX10091641	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	06/12/2025	**Fuel**	Gasoline
Fuel Batch ID	67414	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	AVL Cavriago		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	10386	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.2779	--

Manufacturer Test Comments F171 KCB - 3-Day EVAP

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	0.2779	0	0.278	0.3	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.2779	0	0.278	0.3	Pass

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091552**	**Test Procedure**	**24 - Federal fuel refueling test (ORVR)**
Exhaust Test # for this Evap Test	TFEX10091551	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	03/12/2025	**Fuel**	Gasoline
Fuel Batch ID	066088	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8039	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	--	**Road Speed Fan Usage**	--

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC (Hydrocarbon for Running Loss and ORVR)	0.0206	--

Manufacturer Test Comments F171 KCB - ORVR

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC	0.021	0	0.02	0.2	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC	0.021	0	0.02	0.2	Pass

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091643**	**Test Procedure**	**32 - Federal Fuel Running Loss**
Exhaust Test # for this Evap Test	TFEX10091641	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	06/12/2025	**Fuel**	Gasoline
Fuel Batch ID	67414	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	AVL Cavriago		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	10386	**Odometer Units**	K
4WD Test Dyno	Yes	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0043	--

Manufacturer Test Comments F171 KCB - Running Losses EVAP.

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	0.004	0	0	0.05	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.004	0	0	0.05	Pass

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091402**	**Test Procedure**	**90 - US06**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	05/09/2025	**Fuel**	Gasoline
Fuel Batch ID	67414	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9203	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.001809	--
CO (Carbon Monoxide)	0.038942	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	22.781	22.781
NOX (Nitrogen Oxide)	0.028567	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
PM (Particulate Matter)	0.000474	--
HC-TOTAL (Total Hydrocarbon)	0.001327	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	382	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	382.31	--

Manufacturer Test Comments F171 KCB - US06 - E10 - Charge Sustaining

Certification Summary Information Report

Test Group VFEXV02.9HYB **Evaporative/Refueling Family** VFEXR017506X

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 50	CO	0.0389	--	--	--	0	--	0.039	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0	--	--	--	0	--	0	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0286	--	--	--	--	--	0.029	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0286	--	--	--	0	--	0.029	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0005	--	--	--	0	--	0	0.006	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.04	--	--	--	0	--	0	9.6	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0	--	--	--	0	--	0	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0286	--	--	--	--	--	0.029	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0286	--	--	--	0	--	0.029	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0005	--	--	--	0	--	0	0.003	Pass

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091403**	**Test Procedure**	**95 - SC03**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	02/06/2025	**Fuel**	Gasoline
Fuel Batch ID	066088	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7380	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0073	--
CO (Carbon Monoxide)	0.61858	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0	--
DT-EER (Drive Trace Energy Economy Rating)	0	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0	--
MFR FE (Manufacturer Fuel Economy)	20.0996	20.0996
NOX (Nitrogen Oxide)	0.0027	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0.005	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	434.81	--

Manufacturer Test Comments F171 KCB - SC03 - Charge Sustaining

Certification Summary Information Report

Test Group VFEXV02.9HYB **Evaporative/Refueling Family** VFEXR017506X

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 50	CO	0.6186	--	--	--	0	--	0.619	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0	--	--	--	0	--	0	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0027	--	--	--	--	--	0.003	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0027	--	--	--	0	--	0.003	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.62	--	--	--	0	--	0.6	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0	--	--	--	0	--	0	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0027	--	--	--	--	--	0.003	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0027	--	--	--	0	--	0.003	999.999	Pass

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091454**	**Test Procedure**	**83 - Charge Depleting US06**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	61 - Tier 2 Cert Gasoline
Test Date	06/06/2025	**Fuel**	N/A
Fuel Batch ID	53673	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	10255	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	326.2	**Recharge Event Energy (kiloWatt-hours)**	5.792
Charge Depleting Range (Calculated miles)	10.59	**Charge Depleting Range (Actual miles)**	10.51
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	2017
All Electric Range Unadjusted (miles)	8.01	**Equivalent All Electric Range (miles)**	8.01
Number of Charge Depleting Bags/Phases Conducted	3	**Transition Bag/Phase Number**	2

Charge Depleting Bag/Phase #1

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	8.007
Average System Voltage	293.6
CH4 - Methane	0.0067
Carbon Monoxide	0.8012
Carbon dioxide	158.21
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	10.59
Manufacturer Fuel Economy	55.3435
Nitrogen Oxide	0.00187
Non-methane Hydrocarbon	0.0728
Non-methane organic gases	0.0494
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	4584.307589
System Start State of Charge Watt-hours	7692.32
Total Hydrocarbon	0.00541

Charge Depleting Bag/Phase #2

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	8.007
Average System Voltage	293.6
CH4 - Methane	0.0048
Carbon Monoxide	0.2684
Carbon dioxide	337.23
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	13.9
Manufacturer Fuel Economy	26.1653
Nitrogen Oxide	0.0319
Non-methane Hydrocarbon	0
Non-methane organic gases	0.0012
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3564.163826
System Start State of Charge Watt-hours	4584.307589
Total Hydrocarbon	0.0058

Charge Depleting Bag/Phase #3

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	8.005
Average System Voltage	293.6
CH4 - Methane	0.0128
Carbon Monoxide	0.4499
Carbon dioxide	427.13
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	13.98
Manufacturer Fuel Economy	20.6476
Nitrogen Oxide	0.0052
Non-methane Hydrocarbon	0
Non-methane organic gases	0.0098
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3563.443854
System Start State of Charge Watt-hours	3564.163826
Total Hydrocarbon	0.0218

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	8.012
Average System Voltage	293.6
CH4 - Methane	0.0077
Carbon Monoxide	0.256
Carbon dioxide	422.28
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.25
Manufacturer Fuel Economy	20.9005
Nitrogen Oxide	0.051
Non-methane Hydrocarbon	0.0653
Non-methane organic gases	0.0072
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3516.727099
System Start State of Charge Watt-hours	3563.443854
Total Hydrocarbon	0.0143

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Manufacturer Test Comments F171 KCB - US06 - E0 - Charge Depleting

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091458**	**Test Procedure**	**85 - Charge Depleting SC03**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	03/11/2025	**Fuel**	N/A
Fuel Batch ID	066088	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8017	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	327.6	**Recharge Event Energy (kiloWatt-hours)**	5.886
Charge Depleting Range (Calculated miles)	10.73	**Charge Depleting Range (Actual miles)**	8.23
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	2017
All Electric Range Unadjusted (miles)	7.15	**Equivalent All Electric Range (miles)**	7.15
Number of Charge Depleting Bags/Phases Conducted	4	**Transition Bag/Phase Number**	3

Charge Depleting Bag/Phase #1

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	3.575
Average System Voltage	293.6
CH4 - Methane	0.003
Carbon Monoxide	0
Carbon dioxide	0.12
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	4.75
Manufacturer Fuel Economy	9999.9999
Nitrogen Oxide	0
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	6296.905814
System Start State of Charge Watt-hours	7692.32
Total Hydrocarbon	0.0015

Charge Depleting Bag/Phase #2

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	3.577
Average System Voltage	293.6
CH4 - Methane	0.0011
Carbon Monoxide	0
Carbon dioxide	0.001
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	9.79
Manufacturer Fuel Economy	9999.9999
Nitrogen Oxide	0
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	4856.705959
System Start State of Charge Watt-hours	6296.905814
Total Hydrocarbon	0.0009

Charge Depleting Bag/Phase #3

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	3.582
Average System Voltage	293.6
CH4 - Methane	0.0128
Carbon Monoxide	0.8626
Carbon dioxide	375.62
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	12.19
Manufacturer Fuel Economy	23.2216
Nitrogen Oxide	0.0326
Non-methane Hydrocarbon	0.0623
Non-methane organic gases	0.0685
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	4188.323531
System Start State of Charge Watt-hours	4856.705959
Total Hydrocarbon	0.0747

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	3.575
Average System Voltage	293.6
CH4 - Methane	0.0119
Carbon Monoxide	796.5
Carbon dioxide	466.94
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	10.91
Manufacturer Fuel Economy	18.7065
Nitrogen Oxide	0.0003
Non-methane Hydrocarbon	0.0036
Non-methane organic gases	0.004
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	4615.615929
System Start State of Charge Watt-hours	4188.323531
Total Hydrocarbon	0.0151

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Manufacturer Test Comments F171 KCB - SC03 - E10 - Charge Depleting

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091459**	**Test Procedure**	**83 - Charge Depleting US06**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	04/30/2025	**Fuel**	N/A
Fuel Batch ID	066088	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	888	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	326.2	**Recharge Event Energy (kiloWatt-hours)**	5.847
Charge Depleting Range (Calculated miles)	16.03	**Charge Depleting Range (Actual miles)**	4.55
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	2017
All Electric Range Unadjusted (miles)	4.55	**Equivalent All Electric Range (miles)**	4.55
Number of Charge Depleting Bags/Phases Conducted	4	**Transition Bag/Phase Number**	2

Charge Depleting Bag/Phase #1

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	8.018
Average System Voltage	293.6
CH4 - Methane	0.0053
Carbon Monoxide	0.3664
Carbon dioxide	139.99
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	11.36
Manufacturer Fuel Economy	62.2541
Nitrogen Oxide	0.0192
Non-methane Hydrocarbon	0.0405
Non-methane organic gases	0.0445
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	4355.636167
System Start State of Charge Watt-hours	7692.32
Total Hydrocarbon	0.0456

Charge Depleting Bag/Phase #2

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	8.015
Average System Voltage	293.6
CH4 - Methane	0.0015
Carbon Monoxide	0.0076
Carbon dioxide	319.19
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	15.02
Manufacturer Fuel Economy	27.4407
Nitrogen Oxide	0.0242
Non-methane Hydrocarbon	0.0151
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3243.244711
System Start State of Charge Watt-hours	4355.636167
Total Hydrocarbon	0.0002

Charge Depleting Bag/Phase #3

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	8.006
Average System Voltage	293.6
CH4 - Methane	0.002
Carbon Monoxide	0.0336
Carbon dioxide	390.22
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.8
Manufacturer Fuel Economy	22.4436
Nitrogen Oxide	0.0242
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3345.953352
System Start State of Charge Watt-hours	3243.244711
Total Hydrocarbon	0.0001

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	20.9005
Average System Voltage	293.6
CH4 - Methane	0.0024
Carbon Monoxide	0.0263
Carbon dioxide	386.16
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.94
Manufacturer Fuel Economy	22.6799
Nitrogen Oxide	0.0318
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3349.094597
System Start State of Charge Watt-hours	3345.953352
Total Hydrocarbon	0.0008

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Manufacturer Test Comments F171 KCB - US06 - E10 - Charge Depleting

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
Test #	**TFEX10091495**	**Test Procedure**	**86 - Charge Depleting 20 Degree F FTP**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	29 - Cold CO E10 Premium Gasoline (Tier 3)
Test Date	05/16/2025	**Fuel**	N/A
Fuel Batch ID	63810	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9400	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	327.6	**Recharge Event Energy (kiloWatt-hours)**	5.992
Charge Depleting Range (Calculated miles)	14.85	**Charge Depleting Range (Actual miles)**	5.993
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	2017
All Electric Range Unadjusted (miles)	5.993	**Equivalent All Electric Range (miles)**	5.993
Number of Charge Depleting Bags/Phases Conducted	3	**Transition Bag/Phase Number**	2

Charge Depleting Bag/Phase #1

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.416
Average System Voltage	293.6
CH4 - Methane	0.012164
Carbon Monoxide	1.36354
Carbon dioxide	166.865
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	15.02
Manufacturer Fuel Economy	51.261
Nitrogen Oxide	0
Non-methane Hydrocarbon	0.123578
Non-methane organic gases	0.135936
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3281.089112
System Start State of Charge Watt-hours	7692.32
Total Hydrocarbon	0.134941

Charge Depleting Bag/Phase #2

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.429
Average System Voltage	293.6
CH4 - Methane	0.027892
Carbon Monoxide	0.550772
Carbon dioxide	0.550772
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.46
Manufacturer Fuel Economy	17.66
Nitrogen Oxide	0.07748
Non-methane Hydrocarbon	0.21051
Non-methane organic gases	0.014756
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3366.747605
System Start State of Charge Watt-hours	3281.089112
Total Hydrocarbon	0.047105

Charge Depleting Bag/Phase #3

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.43
Average System Voltage	293.6
CH4 - Methane	0
Carbon Monoxide	0.421324
Carbon dioxide	428.769
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.52
Manufacturer Fuel Economy	20.222
Nitrogen Oxide	0.005385
Non-methane Hydrocarbon	0.013415
Non-methane organic gases	0.014756
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3293.912693
System Start State of Charge Watt-hours	3366.747605
Total Hydrocarbon	0.008753

Manufacturer Test Comments F171 KCB - Cold CO - E10 Winter - Charge Depleting

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091743**	**Test Procedure**	**81 - Charge Depleting UDDS**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	61 - Tier 2 Cert Gasoline
Test Date	04/12/2025	**Fuel**	N/A
Fuel Batch ID	48952	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8603	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	326.2	**Recharge Event Energy (kiloWatt-hours)**	5.892
Charge Depleting Range (Calculated miles)	14.95	**Charge Depleting Range (Actual miles)**	9.65
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	2017
All Electric Range Unadjusted (miles)	9.65	**Equivalent All Electric Range (miles)**	9.65
Number of Charge Depleting Bags/Phases Conducted	3	**Transition Bag/Phase Number**	2

Charge Depleting Bag/Phase #1

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.484
Average System Voltage	293.6
CH4 - Methane	0.001
Carbon Monoxide	0
Carbon dioxide	0.05
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	10.61
Manufacturer Fuel Economy	9999.9999
Nitrogen Oxide	0
Non-methane Hydrocarbon	0.002
Non-methane organic gases	0.0021
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	4576.599094
System Start State of Charge Watt-hours	7692.32
Total Hydrocarbon	0.0029

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.47
Average System Voltage	293.6
CH4 - Methane	0.0075
Carbon Monoxide	0.4206
Carbon dioxide	355.68
Carbon-Related Exhaust Emissions	356
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.81
Manufacturer Fuel Economy	24.8682
Nitrogen Oxide	0.0212
Non-methane Hydrocarbon	0.0295
Non-methane organic gases	0.0307
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3284.459128
System Start State of Charge Watt-hours	4576.599094
Total Hydrocarbon	0.0368

Charge Depleting Bag/Phase #3

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.459
Average System Voltage	293.6
CH4 - Methane	0.0068
Carbon Monoxide	0.4897
Carbon dioxide	425.92
Carbon-Related Exhaust Emissions	427
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.68
Manufacturer Fuel Economy	20.774
Nitrogen Oxide	0.0094
Non-methane Hydrocarbon	0.001
Non-methane organic gases	0.0011
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3269.635545
System Start State of Charge Watt-hours	3284.459128
Total Hydrocarbon	0.0076

Manufacturer Test Comments F171 KCB - UDDS - E0 Summer - Charge Depleting

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091744**	**Test Procedure**	**84 - Charge Depleting Highway**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	61 - Tier 2 Cert Gasoline
Test Date	04/11/2025	**Fuel**	N/A
Fuel Batch ID	48952	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8540	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	326.2	**Recharge Event Energy (kiloWatt-hours)**	5.76
Charge Depleting Range (Calculated miles)	30.79	**Charge Depleting Range (Actual miles)**	10.35
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	2017
All Electric Range Unadjusted (miles)	10.35	**Equivalent All Electric Range (miles)**	10.35
Number of Charge Depleting Bags/Phases Conducted	4	**Transition Bag/Phase Number**	2

Charge Depleting Bag/Phase #1

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.281
Average System Voltage	293.6
CH4 - Methane	0
Carbon Monoxide	0
Carbon dioxide	0.12
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	13.48
Manufacturer Fuel Economy	9999.9999
Nitrogen Oxide	0
Non-methane Hydrocarbon	0.002
Non-methane organic gases	0.0022
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3733.493997
System Start State of Charge Watt-hours	7692.32
Total Hydrocarbon	0.002

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.252
Average System Voltage	293.6
CH4 - Methane	0.0028
Carbon Monoxide	0.4798
Carbon dioxide	302.01
Carbon-Related Exhaust Emissions	303
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.69
Manufacturer Fuel Economy	29.1682
Nitrogen Oxide	0.0148
Non-methane Hydrocarbon	0.00414
Non-methane organic gases	0.0455
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3368.15457
System Start State of Charge Watt-hours	3733.493997
Total Hydrocarbon	0.0441

Charge Depleting Bag/Phase #3

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.262
Average System Voltage	293.6
CH4 - Methane	0
Carbon Monoxide	0.0618
Carbon dioxide	293.08
Carbon-Related Exhaust Emissions	293
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.34
Manufacturer Fuel Economy	30.1359
Nitrogen Oxide	0.0048
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3458.533275
System Start State of Charge Watt-hours	3368.15457
Total Hydrocarbon	0

Charge Depleting Bag/Phase #4

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.265
Average System Voltage	293.6
CH4 - Methane	0.0003
Carbon Monoxide	0.061
Carbon dioxide	281.84
Carbon-Related Exhaust Emissions	282
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	13.9
Manufacturer Fuel Economy	31.337
Nitrogen Oxide	0.0049
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3575.344196
System Start State of Charge Watt-hours	3458.533275
Total Hydrocarbon	0

Manufacturer Test Comments F171 KCB - HWFET - E0 Summer - Charge Depleting

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091745**	**Test Procedure**	**81 - Charge Depleting UDDS**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	05/22/2025	**Fuel**	N/A
Fuel Batch ID	67414	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9669	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	327.6	**Recharge Event Energy (kiloWatt-hours)**	5.961
Charge Depleting Range (Calculated miles)	14.91	**Charge Depleting Range (Actual miles)**	10.09
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	2017
All Electric Range Unadjusted (miles)	7.44	**Equivalent All Electric Range (miles)**	7.44
Number of Charge Depleting Bags/Phases Conducted	3	**Transition Bag/Phase Number**	2

Charge Depleting Bag/Phase #1

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.445
Average System Voltage	293.6
CH4 - Methane	0.0005
Carbon Monoxide	0
Carbon dioxide	0.39
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	10.98
Manufacturer Fuel Economy	9999.9999
Nitrogen Oxide	0
Non-methane Hydrocarbon	0.0027
Non-methane organic gases	0.003
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	4468.159248
System Start State of Charge Watt-hours	7692.32
Total Hydrocarbon	0.0033

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.465
Average System Voltage	293.6
CH4 - Methane	0.0043
Carbon Monoxide	0.3341
Carbon dioxide	355.07
Carbon-Related Exhaust Emissions	356
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.87
Manufacturer Fuel Economy	24.4887
Nitrogen Oxide	0.0203
Non-methane Hydrocarbon	0.0328
Non-methane organic gases	0.0361
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3274.41226
System Start State of Charge Watt-hours	4468.159248
Total Hydrocarbon	0.037

Charge Depleting Bag/Phase #3

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.424
Average System Voltage	293.6
CH4 - Methane	0.0041
Carbon Monoxide	0.4232
Carbon dioxide	414.76
Carbon-Related Exhaust Emissions	415
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.64
Manufacturer Fuel Economy	20.9675
Nitrogen Oxide	0.0058
Non-methane Hydrocarbon	0.0029
Non-methane organic gases	0.0032
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3283.991008
System Start State of Charge Watt-hours	3274.412226
Total Hydrocarbon	0.007

Manufacturer Test Comments F171 KCB - UDDS - FTP75 - E10 - Charge Depleting

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091749**	**Test Procedure**	**84 - Charge Depleting Highway**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	05/21/2025	**Fuel**	N/A
Fuel Batch ID	67414	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9605	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	No

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	326.2	**Recharge Event Energy (kiloWatt-hours)**	5.687
Charge Depleting Range (Calculated miles)	20.52	**Charge Depleting Range (Actual miles)**	10.37
Charge Depleting Range Highway (Calculated miles)	--	**Derived 5-Cycle Coefficient Model Year**	2017
All Electric Range Unadjusted (miles)	10.37	**Equivalent All Electric Range (miles)**	10.37
Number of Charge Depleting Bags/Phases Conducted	4	**Transition Bag/Phase Number**	2

Charge Depleting Bag/Phase #1

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.262
Average System Voltage	293.6
CH4 - Methane	0.0004
Carbon Monoxide	0
Carbon dioxide	0.009
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	13.79
Manufacturer Fuel Economy	9999.9999
Nitrogen Oxide	0
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3806.717022
System Start State of Charge Watt-hours	7692.32
Total Hydrocarbon	0

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.26
Average System Voltage	293.6
CH4 - Methane	0.0033
Carbon Monoxide	0.4301
Carbon dioxide	317.23
Carbon-Related Exhaust Emissions	318
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.62
Manufacturer Fuel Economy	27.3946
Nitrogen Oxide	0.0119
Non-methane Hydrocarbon	0.0194
Non-methane organic gases	0.0213
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3558.392711
System Start State of Charge Watt-hours	3806.717022
Total Hydrocarbon	0.0225

Charge Depleting Bag/Phase #3

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.26
Average System Voltage	293.6
CH4 - Methane	0.0005
Carbon Monoxide	0.0617
Carbon dioxide	287.13
Carbon-Related Exhaust Emissions	287
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.68
Manufacturer Fuel Economy	30.3276
Nitrogen Oxide	0.004
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3532.50504
System Start State of Charge Watt-hours	3558.392711
Total Hydrocarbon	0

Charge Depleting Bag/Phase #4

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.268
Average System Voltage	293.6
CH4 - Methane	0.001
Carbon Monoxide	0
Carbon dioxide	278.44
Carbon-Related Exhaust Emissions	279
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated Amp-hours	14.79
Manufacturer Fuel Economy	31.276
Nitrogen Oxide	0.0031
Non-methane Hydrocarbon	0
Non-methane organic gases	0
Non-methane organic gases plus Nitrogen Oxides	999.999
System End State of Charge Watt-hours	3494.586974
System Start State of Charge Watt-hours	3532.50504
Total Hydrocarbon	0

Manufacturer Test Comments F171 KCB - HWFET - E10 - Charge Depleting

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Test #	**TFEX10091451**	**Test Procedure**	**67 - Leak Test - Port Near Canister**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	03/11/2025	**Fuel**	Gasoline
Fuel Batch ID	66088	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Aged components installed In the emission data vehicle
Verify Test Lab ID	Ferrari S.p.A.		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	8039	**Odometer Units**	K
4WD Test Dyno	No	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	--	**Road Speed Fan Usage**	--

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
LEAK-DIA (Effective Leak Diameter (inches))	0.000219	--

Manufacturer Test Comments Ferrari MY 2026 - F171 KCB - Leak 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	LEAK-DIA	0	0	0	0.02	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	LEAK-DIA	0	0	0	0.02	Pass

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Fuel Properties

Fuel Batch ID	**066088**	**Fuel Calibration Number**	**1**
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	07/16/2024
Fuel Batch Calibration Effective Date	04/04/2024	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.754
Fuel Ethanol Volume Percent (%)	9.7	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.24	**Fuel Carbon Mass Fraction (E10)**	0.827
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	**Weight Fraction CO2**	--

Fuel Batch ID	**67414**	**Fuel Calibration Number**	**1**
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	02/10/2025
Fuel Batch Calibration Effective Date	07/05/2024	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.754
Fuel Ethanol Volume Percent (%)	9.7	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.775	**Fuel Carbon Mass Fraction (E10)**	0.829
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	**Weight Fraction CO2**	--

Fuel Batch ID	**53673**	**Fuel Calibration Number**	**1**
Test Fuel Type	61 - Tier 2 Cert Gasoline	**Fuel Batch Calibration Date**	12/01/2022
Fuel Batch Calibration Effective Date	10/04/2022	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.736
Fuel Ethanol Volume Percent (%)	--	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	18479
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	**Fuel Carbon Mass Fraction (E10)**	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.865	**Weight Fraction CO2**	--

Fuel Batch ID	**63810**	**Fuel Calibration Number**	**1**
Test Fuel Type	29 - Cold CO E10 Premium Gasoline (Tier 3)	**Fuel Batch Calibration Date**	02/12/2024
Fuel Batch Calibration Effective Date	01/17/2024	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.746
Fuel Ethanol Volume Percent (%)	9.7	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.465	**Fuel Carbon Mass Fraction (E10)**	0.819
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	**Weight Fraction CO2**	--
Fuel Batch ID	**48952**	**Fuel Calibration Number**	**1**
Test Fuel Type	61 - Tier 2 Cert Gasoline	**Fuel Batch Calibration Date**	08/22/2023
Fuel Batch Calibration Effective Date	03/08/2022	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.739
Fuel Ethanol Volume Percent (%)	--	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	18479
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	**Fuel Carbon Mass Fraction (E10)**	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.865	**Weight Fraction CO2**	--
Fuel Batch ID	**66088**	**Fuel Calibration Number**	**1**
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	07/16/2024
Fuel Batch Calibration Effective Date	04/04/2024	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.754
Fuel Ethanol Volume Percent (%)	9.7	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	17730
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	**Fuel Carbon Mass Fraction (E10)**	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.827	**Weight Fraction CO2**	--

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Consolidated List of Standards

Exhaust Standards

Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 50
Fuel	Gasoline	**Test Procedure**	HWFE

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CREE	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0	999.999

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV ULEV50
Fuel	Gasoline	**Test Procedure**	US06

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	9.6
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0	999.999
150,000 miles	PM	--	--	--	--	--	--	0	0.003

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 50
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	--	--	--	--	--	--	0	1.7
150,000 miles	CO-COMP	--	--	--	--	--	--	0	4.2
150,000 miles	CREE	--	--	--	--	--	--	0	999.999
150,000 miles	HCHO	--	--	--	--	--	--	0	0.004
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0	999.999
150,000 miles	PM	--	--	--	--	--	--	0	0.003

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV ULEV50
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	--	--	--	--	--	--	0	1.7
150,000 miles	HCHO	--	--	--	--	--	--	0	0.004
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0	999.999
150,000 miles	PM	--	--	--	--	--	--	0	0.003

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV ULEV50
Fuel	Gasoline	**Test Procedure**	Fed. fuel 50 F exh.

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	1.7
150,000 miles	HCHO	--	--	--	--	--	--	0	0.016
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.100
150,000 miles	NOX	--	--	--	--	--	--	0	999.999

Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 50
Fuel	Gasoline	**Test Procedure**	Cold CO

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	10.0
150,000 miles	HC-NM	--	--	--	--	--	--	0	0.300
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NOX	--	--	--	--	--	--	0	999.999

Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 50
Fuel	Gasoline	**Test Procedure**	SC03

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	999.999
150,000 miles	NOX	--	--	--	--	--	--	0	999.999

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 50
Fuel	Gasoline	**Test Procedure**	US06

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	999.999
150,000 miles	NOX	--	--	--	--	--	--	0	999.999
150,000 miles	PM	--	--	--	--	--	--	0	0.006

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV ULEV50
Fuel	Gasoline	**Test Procedure**	SC03

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	1.7
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0	999.999

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV ULEV50
Fuel	Gasoline	**Test Procedure**	Cold CO

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	10.0
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NOX	--	--	--	--	--	--	0	999.999

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV ULEV50
Fuel	Gasoline	**Test Procedure**	HWFE

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	NMOG	--	--	--	--	--	--	0	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0	999.999

Evaporative/Refueling Standards

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	2-day evap		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	Federal fuel refueling test (ORVR)		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC	--	0.20	0

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	Federal
Cert/In-Use Code	Cert	**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

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	Federal
Cert/In-Use Code	Cert	**Standard Level**	Federal Tier 3 Evap
Test Procedure	Leak Test - Port Near Canister		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	LEAK-DIA	--	0.02	0

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	Leak Test - Port Near Canister		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	LEAK-DIA	--	0.02	0

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	Federal
Cert/In-Use Code	Cert	**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	--	0.300	0

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	Federal
Cert/In-Use Code	Cert	**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	--	0.300	0

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	Federal Fuel Running Loss		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0

Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	Federal
Cert/In-Use Code	Cert	**Standard Level**	Federal Tier 3 Evap
Test Procedure	Federal fuel refueling test (ORVR)		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC	--	0.20	0

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
Evaporative/Refueling Family	VFEXR017506X	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Cert	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	Federal fuel 3-day evap		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0

Certification Summary Information Report

Test Group	VFEXV02.9HYB	Evaporative/Refueling Family	VFEXR017506X

Glossary

Useful Life

4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		

Emission Name

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

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
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

Certification Region			
CA	California + CAA Section 177 states	FA	Federal

Exhaust Emission Standard Level			
B1	Federal Tier 2 Bin 1	HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340
B2	Federal Tier 2 Bin 2	HDV2B250	Federal Tier 3 HD Class 2b Bin 250
B3	Federal Tier 2 Bin 3	HDV2B200	Federal Tier 3 HD Class 2b Bin 200
B4	Federal Tier 2 Bin 4	HDV2B170	Federal Tier 3 HD Class 2b Bin 170
B5	Federal Tier 2 Bin 5	HDV2B150	Federal Tier 3 HD Class 2b Bin 150
B6	Federal Tier 2 Bin 6	HDV2B0	Federal Tier 3 HD Class 2b Bin 0
B7	Federal Tier 2 Bin 7	HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630
B8	Federal Tier 2 Bin 8	HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570
B9	Federal Tier 2 Bin 9	HDV3B400	Federal Tier 3 HD Class 3 Bin 400
B10	Federal Tier 2 Bin 10	HDV3B270	Federal Tier 3 HD Class 3 Bin 270
B11	Federal Tier 2 Bin 11	HDV3B230	Federal Tier 3 HD Class 3 Bin 230
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)	HDV3B200	Federal Tier 3 HD Class 3 Bin 200
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HDV3B0	Federal Tier 3 HD Class 3 Bin 0
L2	California LEV-II LEV	L4SULEV100	California LEV-IV SULEV100
L2OP	California LEV-II LEV Optional	L4SULEV125	California LEV-IV SULEV125
U2	California LEV-II ULEV	L4SULEV15	California LEV-IV SULEV15
S2	California LEV-II SULEV	L4SULEV150	California LEV-IV SULEV150
ZEV	California ZEV	L4SULEV170	California LEV-IV SULEV170
OT	Other	L4SULEV175	California LEV-IV SULEV175
T1	Federal Tier 1	L4SULEV20	California LEV-IV SULEV20
PZEV	California PZEV	L4SULEV200	California LEV-IV SULEV200
L2LEV160	California LEV-II LEV160	L4SULEV230	California LEV-IV SULEV230
L2ULEV125	California LEV-II ULEV125	L4SULEV25	California LEV-IV SULEV25
L2SULEV30	California LEV-II SULEV30	L4SULEV30	California LEV-IV SULEV30
L2LEV395	California LEV-II LEV395	L4SULEV75	California LEV-IV SULEV75

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
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		

Transmission Type Code			
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)

Drive System Code			
4	4-Wheel Drive	P	Part-time 4-Wheel Drive

Certification Summary Information Report

Test Group	VFEXV02.9HYB	**Evaporative/Refueling Family**	VFEXR017506X
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