

PART 1 APPLICATION FOR EMISSIONS CERTIFICATION

MODEL YEAR: 2027

TEST GROUP: VMLNV04.0M18

DURABILITY GROUP: VMLNHHGVN006

EVAPORATIVE FAMILY: VMLNR0130M18

DURABILITY GROUP DESCRIPTION: FOUR STROKE, OTTO CYCLE, HYBRID ELECTRIC, GASOLINE/ELECTRIC-FUELLED, GASOLINE DIRECT INJECTION + PORT INJECTION

CATALYST CODE: 006

3-WAY PD/RH COATED SUBSTRATE

TEST GROUP DESCRIPTION: 4.0 LITRE V8 TWIN TURBO PHEV
2TWC(2)/2WR-
HO2S/2HO2S/SFI/DFI/2TC/2CAC/2GPF

APPLICABLE STANDARDS

EXHAUST: FEDERAL INTERIM TIER4 BIN 125

CARB LEV4 ULEV125

EVAPORATIVE: FEDERAL TIER3 / CARB LEV4 (Option 2) with FEL

CARLINES 180: W1 COUPE

Category	EDV	Test	Test Number
Exhaust	SBM18ADA5SW990009	UDDS CST	VMLN10093846
		HWFET CST	VMLN10093844
		US06	VMLN10093847
		SC03	VMLN10093845
		FTP20	VMLN10093838
		FTP50	VMLN10093848
Evaporative	SBM18ADA5SW990009	3DD	VMLN10093855
		RUNNING LOSS	VMLN10093854
		ORVR	VMLN10093857
		SPITBACK	VMLN10093988
		LEAK DIAMETER	VMLN10093858
		BETP	VMLN10093859

Contact: Peter Montague [+44 148 326 1839]
Nicolas Brown [+1 212 393 4781]

CONTENTS

1	COMMUNICATION	3
2	DURABILITY GROUP	4
3	EVAPORATIVE / REFUELLING FAMILY	5
4	DURABILITY INFORMATION	6
5	TEST GROUP	7
6	TEST VEHICLE	8
7	TEST RESULTS	9
8	MANUFACTURER STATEMENTS	60
9	OBD SYSTEM	62
10	DESCRIPTION OF ALTERNATE FUEL VEHICLES.....	62
11	AUXILIARY EMISSION CONTROL DEVICE (AEC) DESCRIPTIONS	62
12	DESCRIPTION OF VEHICLES AND TEST PARAMETERS COVERED BY CERTIFICATE.....	63
13	PROJECTED USA VEHICLE SALES	66
14	REQUEST FOR CERTIFICATION	67
15	OTHER INFORMATION	68

Issue	Date	Changes
00	10 th June 2026	Initial Issue

1 COMMUNICATION

Authorised representative situated in the United States

Name	Title	Email	Telephone
Nicolas Brown	Head of Aftersales North America	nicolas.brown@mclaren.com	+1 212 393 4781

Address: McLaren Automotive Inc.
1405 South Beltline Road
Suite 100
Coppell
TX 75019

Authorised representatives situated in the manufacturer's home office:

Name	Title	Email	Telephone
Peter Montague	Head of Homologation	peter.montague@mclaren.com	+44 148 326 1839

Address: McLaren Automotive Limited
McLaren Technology Centre
Chertsey Road
Woking
Surrey
GU21 4YH
United Kingdom

Corporate name and address that should appear on the certificate of conformity:

Address: McLaren Automotive Limited
McLaren Technology Centre
Chertsey Road
Woking
Surrey
GU21 4YH
United Kingdom

The certificate of conformity should be issued to:

Name	Title	Email	Telephone
Peter Montague	Head of Homologation	peter.montague@mclaren.com	+44 148 326 1839

2 DURABILITY GROUP

2.1 Durability Group Description

Durability Group Name:	VMLNHHGVN006
Carlines Within Durability Group	180 W1 Coupe
Combustion Cycle:	Hybrid electric with otto cycle, four stroke
Engine Type:	Hybrid electric
Fuel:	Gasoline, Electric
Basic Fuel Metering:	GDPI: Spark Ignition Direct & Port fuel injection
Catalyst Construction:	Coated metal substrate monolith with stainless steel casing
	1 starter and 1 secondary catalyst per bank
	Starter: 1.155 litre, Pd 19:1 Rh 200g/ft ³
	Secondary: 2.726 litre, Pd 9:1 Rh 50g/ft ³
Precious metals in catalyst:	Palladium and Rhodium 3-way
Grouping statistic:	6.504 g/litre

3 EVAPORATIVE / REFUELLING FAMILY

3.1 Evaporative Family Description

Evaporative / Refuelling Family Name:	VMLNR0130M18
Type of vapour storage:	Charcoal canister
Basic canister design:	2-chamber, closed bottom
Working capacity:	130 g
System configuration:	Single canister
Canister geometry, construction & materials:	Total volume: 2.300 litres BAX1100/BAX 1500 carbon (pellet) PA6.6 Casing
Fuel system:	Non-return
Type of refuelling emission control system:	Integrated with evaporative control system
Fill pipe seal mechanism:	Mechanical seal
Vapour control system:	Open system
Purge control system:	PWM valve control
Vapour hose material:	Cadbar multi-layer (NBR x2, CPT LP100, Aramid and CM) Stainless steel 304
Fuel tank material:	Aluminium

4 DURABILITY INFORMATION

4.1 Durability Information

McLaren is a Small Volume Manufacturer as agreed with EPA and has used Assigned Deterioration Factors (DFs) in accordance with the small volume provisions of 40 CFR 86.1838-01(b)(1), as detailed in 40 CFR 86.1826-01.

The EPA Tier 3 DFs are detailed in CD-2023-01 dated 30th January 2023.

The Tier 3 Bin 125 Light Duty Vehicle additive tailpipe emission DFs are detailed below:

Additive Exhaust DF	NMOG/NMHC mg/mi	CO mg/mi	NOx mg/mi	HCHO mg/mi
150k	14.9	380	11.5	0.5

The Tier 3 Light Duty Vehicle additive evaporative emission DFs are detailed below:

Additive Evaporative DF	3-Day & Hot Soak mg	2-Day & Hot Soak mg	Running Loss mg/mi	ORVR mg/gal
FEL <325mg	2.1	0.0	0.0	6
FEL ≥325mg	0.0	0.0	0.0	6

5 TEST GROUP

5.1 Test Group Description

Test Group Name: VMLNV04.0M18

Engine displacement: 3988 cm³ / 243.4 in³

Arrangement of cylinders: V-configuration

Number of cylinders: 8

Vehicle Class: LDV

Applicable emissions standards:

Exhaust: Federal INTERIM TIER4 BIN 125

CARB LEV4 ULEV125

Evaporative: Federal TIER3 / CARB LEV3 (Option 2) with FEL

FTP Family Emissions Limit: 125 mg/mile

FTP Fleet Standard: 51 mg/mile

6 TEST VEHICLE

6.1 Test Vehicle Description

Emission Data Vehicle:

Represented Model:

Tailpipe: W1 Coupe [Carline 180]

Evaporative: W1 Coupe [Carline 180]

Vehicle Identification Number:

Tailpipe: SBM18ADA5SW990009

Evaporative: SBM18ADA5SW990009

Configuration Number:

Tailpipe: 0 = SPORT powertrain mode,
916 hp

Evaporative: 1 = COMFORT powertrain mode,
916 hp

Engine Displacement: 3988 cm³ / 243.4 in³

Engine Code: 40JBAT

ETW:

Tailpipe: 3875 lb

Evaporative: 3875 lb

Axle Ratio: 4.25

Transmission: 8-Speed Automatic

Full vehicle details are given in the vehicle information submitted to Verify and reproduced in Section 7.

7 TEST RESULTS

- 7.1 Certification Summary Information is provided in this section for the tests carried out for this Test Group:

Test	Test Number
UDDS CST	VMLN10093846
HFEDS CST	VMLN10093844
US06 CST	VMLN10093847
SC03 CST	VMLN10093845
FTP20 CST	VMLN10093838
FTP50 CST	VMLN10093848
FTP75 3DD EVAP	VMLN10093852
FTP75 ORVR EVAP	VMLN10093851
CARB 3-Day Evap	VMLN10093855
ORVR	VMLN10093857
Running Loss	VMLN10093854
Spitback	VMLN10093988
BETP	VMLN10093859
Leak Diameter	VMLN10093858



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Manufacturer	McLaren Automotive Limited	Manufacturer Code	MLN
Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	06/09/2026 12:57:45 PM
Model Year	2027		

Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18						
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:	Electric Motor								
	<table border="1"> <tr> <th>Fuel</th><th>Basic Fuel Metering System</th><th>Lean Burn Strategy Indicator</th></tr> <tr> <td>Electricity</td><td>--</td><td>--</td></tr> </table>	Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator	Electricity	--	--		
Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator							
Electricity	--	--							
Drive Source #2:	Combustion Engine								
	<table border="1"> <tr> <th>Fuel</th><th>Basic Fuel Metering System</th><th>Lean Burn Strategy Indicator</th></tr> <tr> <td>Gasoline</td><td>Spark Ignition direct & ported injection</td><td>No</td></tr> </table>	Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator	Gasoline	Spark Ignition direct & ported injection	No		
Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator							
Gasoline	Spark Ignition direct & ported injection	No							
Hybrid Indicator	Yes								
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes						
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	No						
Fuel Cell Indicator	No	EPA Vehicle Class	LDV						
Federal Clean Fuel Vehicle	No	Federal Clean Fuel Vehicle Standard	--						
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	No						
Durability Group Name	VMLNHHGVN006	Durability Group Equivalency Factor	1.0						
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA						
Complies with HD GHG 2b/3 regulations?	No								
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A						
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--						
SFTP Federal Composite Compliance Identifier	Tier 3	SFTP Tier 2 Composite CO Option	No						
SFTP LEV-III Composite Compliance Indicator	Yes								
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VMLNV04.0M18						
Test Group OBD Compliance Level	Partial - with deficiencies	Number of Test Group OBD Deficiencies	2						
OBD Deficiencies Comments	Full details of OBD approval can be seen in OBD letter E-26-127.								
Mfr Test Group Comments	--								
Mfr Exhaust / Evap Standards Comments	--								



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18				
Evaporative/Refueling Family Information							
Evaporative Summary Information Type	New	Submission/Correction Date	04/16/2026 04:00:12 AM				
Integrated ORVR?	Yes	Fuel(s)	Gasoline				
Multiple Fuel Storage	--						
Bladder Fuel Tank?	No						
Fuel Tank Material	Metal	Fuel Tank Material Description	Aluminium				
Fill Pipe Seal Type	Mechanical seal						
Air Intake System Vapor Storage Device?	No	Air Intake System Vapor Storage Device Description	N/A				
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	N/A				
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	130	Number of Primary Canisters	1				
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	0				
Mfr Evaporative/Refueling Family Comments	Vehicle is fitted with a single carbon canister with two chambers. Total canister volume of 2300 ml, with a rated EPA capacity of 130g.						
Leak Family Details							
Leak Family Indicator	Yes						
Canister Bleed Test Indicator	Yes	Applicability of Evaporative Canister Bleed Test	50 State				
Evaporative Canister Bleed Test Comments	Bleed test performed with fuel system only.						
CARB Fuel Only (Rig) Test Indicator	Yes	Applicability of CARB Fuel Only (Rig) Test	50 State				
CARB Fuel Only (Rig) Test Comments	Bench leak test according to Section VI of the specifications for fill pipes and openings of 2015 and subsequent model motor vehicles fuel tanks, in section 2235, Title 13, California code of regulations. On-board refuelling vapor recovery (ORVR) test procedure according to California Evaporative Emission and test procedures for 2001 and subsequent model years motor vehicles, section 1978(b), Title 13, California code of regulations.						
Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description				
VMLNR0130M18-L18	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
McLaren Automotive Limited	2 - McLaren	180 - W1 Coupe	Federal	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	Yes
McLaren Automotive Limited	2 - McLaren	180 - W1 Coupe	California + CAA Section 177 states	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	8	Yes



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18	
Engine Description				
Hybrid Type	IC Engine/Electric Motor	Hybrid Description	--	
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	--	
Engine Block Arrangement	V-shaped engine	Mfr Engine Block Arrangement Description	--	
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	0W40	
Number of Cylinders/Rotors	8	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	Other
2	Other	Palladium + Rhodium	Metal	Monolith
3	Three-way catalyst	Palladium + Rhodium	Metal	Other
4	Other	Palladium + Rhodium	Metal	Monolith
Mfr After Treatment Device (ATD) Comments	1 starter and 1 secondary catalyst per bank, total 4. Secondary catalyst: Three way catalyst composed of: GPF specific Substrate + TWC PGM washcoat + GPF coating for EFC (Enhanced filtration efficiency)			
Direct Ozone Reduction (DOR) Device	Not Equipped			
Mfr Emission Control Device Comments	--			



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18		Evaporative/Refueling Family		VMLNR0130M18					
Engine Configuration Number 1											
Engine Displacement (liters)	4.0		Engine Rated Horsepower		916						
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		Liquid						
Air Aspiration Drive Method(s)	Mechanical										
Cylinder Deactivation	No										
Cylinder Deactivation Description	--										
Variable Valve Timing	Yes										
Variable Valve Timing System Description	Variable Inlet Valve Timing by camshaft rotation offset.										
Variable Valve Lift?	No										
Variable Valve Lift System Description	--										
Number of Knock Sensors	4		Number of Air/Fuel Sensors		4						
Air/Fuel Sensor # 1 Type	Heated air fuel		Air/Fuel Sensor # 1 Description		WR-HO2S						
Air/Fuel Sensor # 2 Type	Heated oxygen		Air/Fuel Sensor # 2 Description		--						
Air/Fuel Sensor # 3 Type	Heated air fuel		Air/Fuel Sensor # 3 Description		WR-HO2S						
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	No										
Air Injection Type	Not Applicable		Air Injection Type if 'Other'		--						
Mfr Engine Configuration Comments	--										
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
Gasoline	VMLN10093846	VMLN10093847	VMLN10093845	VMLN10093838	VMLN10093844	11.8	11.5	18.6	16.5	--	
Electricity	VMLN10093846	VMLN10093847	VMLN10093845	VMLN10093838	VMLN10093844	--	--	--	--	--	
SFTP LEV-III Official Test Numbers											
Test Group	Fuel	FTP		US06		SC03					
Gasoline		VMLN10093846		VMLN10093847		VMLN10093845					
Electricity		VMLN10093846		VMLN10093847		VMLN10093845					



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	625	Battery Energy Capacity	2.4
Battery Specific Energy	28.3	Battery Charger Type	On-Board
Number of Capacitors	--	Capacitor Rating (In Farads)	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Not applicable		
Regenerative Braking Source	--	Driver Controlled Regenerative Braking	--
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	1		
Motor/Generator Type 1	PMSM	Rated Motor/Generator Power	255
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	Drive Motor: PMSM Permanent magnet Synchronous machine.		



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18									
Emission Data Vehicle Information												
Vehicle ID / Configuration	SBM18ADA5SW990009 / 0	Manufacturer Vehicle Configuration Number	0									
Original Test Group Name	VMLNV04.0M18	Original Evaporative/Refueling Family	VMLNR0130M18									
Original Test Vehicle Model Year	2027											
Vehicle Model												
Represented Test Vehicle Make	McLaren	Represented Test Vehicle Model	W1									
Leak Family Details												
Leak Family Identifier	--	Leak Family Name	--									
Drive Sources and Fuel System Details												
<table><tr><th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr><tr><td>1</td><td>Electric Motor</td><td>Electricity</td></tr><tr><td>2</td><td>Combustion Engine</td><td>Gasoline</td></tr></table>				Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity	2	Combustion Engine	Gasoline
Drive Source and Fuel#	Drive Source	Fuel										
1	Electric Motor	Electricity										
2	Combustion Engine	Gasoline										
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	No											
Odometer Correction -- Initial	0	Odometer Correction Factor	1									
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor											
Odometer Correction Units	Miles											
Engine Code	40JBAT	Rated Horsepower	916									
Displacement (liters)	3.988											
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'										
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel									
Charge Air Cooler Type	Liquid	Drive Mode While Testing	2-Wheel Drive, Rear									
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)									
Curb Weight (lbs)	3570	Equivalent Test Weight (pounds)	3875									
GVWR (lbs)	4055	N/V Ratio	38.5									
Axle Ratio	4.25											
Transmission Type	Automatic	# of Transmission Gears	8									
Transmission Lockup	No	Creep Gear	No									

Page 7 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family		VMLNR0130M18	
Dynamometer Coefficients:								
		Target Coefficients			Set Coefficients			
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
City/Highway/Evap	58.65	0.992	0.01807	43.1	0.482	0.02089	20.5	
Cold CO	64.52	1.091	0.01988	35.97	0.321	0.02402	N/A	
US06	58.65	0.992	0.01807	43.1	0.482	0.02089	N/A	
Emission Control Device Comments		--						
Manufacturer Test Vehicle Comments		Config #0 - W1 - Sport Powertrain Mode						



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Test #	VMLN10093838	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline
Test Date	03/11/2026	Fuel	Gasoline
Fuel Batch ID	79467	Fuel Calibration Number	7328
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Applus IDIADA Group		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4622	Odometer Units	K
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
Test Results			



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	ACT-DISTANCE (Actual Distance Driven (miles))	11	--
	ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.6	--
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	774.413	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	3.836	--
	FE BAG 1 (Bag 1 Fuel Economy)	11.18	11.18
	CH4 BAG 1 (Bag 1 Methane)	0.00054	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.378004	--
	WATT-HRS BAG 1 (Bag 1 Watt Hours)	-96.3415	--
	ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.8	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	711.248	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.096	--
	FE BAG 2 (Bag 2 Fuel Economy)	12.28	12.28
	CH4 BAG 2 (Bag 2 Methane)	0	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--
	WATT-HRS BAG 2 (Bag 2 Watt Hours)	31.3393	--
	ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.6	--
	CO2 BAG 3 (Bag 3 Carbon Dioxide)	569.072	--
	CO BAG 3 (Bag 3 Carbon Monoxide)	0.138	--
	FE BAG 3 (Bag 3 Fuel Economy)	15.35	15.35
	CH4 BAG 3 (Bag 3 Methane)	0.000006	--
	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0	--
	WATT-HRS BAG 3 (Bag 3 Watt Hours)	-54.4456	--
	METHANE (CH4 - Methane)	0.013106	--
	CO (Carbon Monoxide)	0.884469	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.4	--
	DT-EER (Drive Trace Energy Economy Rating)	0.14	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.02	--
	MFR FE (Manufacturer Fuel Economy)	12.72	12.72
	NOX (Nitrogen Oxide)	0.014932	--
	HC-NM (Non-methane Hydrocarbon)	0.071438	--
	NMOG (Non-methane organic gases)	0.078545	--

Page 10 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18		Evaporative/Refueling Family		VMLNR0130M18	
		HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)		0.08637		--	
		HC-TOTAL (Total Hydrocarbon)		0.083528		--	
		WATT-HRS (Watt Hours)		-119.4478		--	



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Test #	VMLN10093846	Test Procedure	21 - Federal fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline
Test Date	02/10/2026	Fuel	Gasoline
Fuel Batch ID	79467	Fuel Calibration Number	7328
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Applus IDIADA Group		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3972	Odometer Units	K
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
Test Results			



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	ACT-DISTANCE (Actual Distance Driven (miles))	14.901	--
	ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	7.432	--
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	634.846	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	0.533	--
	FE BAG 1 (Bag 1 Fuel Economy)	13.74	13.74
	CH4 BAG 1 (Bag 1 Methane)	0.009	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.039056	--
	HC-TOTAL BAG 1 (Bag 1 Total Hydrocarbon)	0.044	--
	WATT-HRS BAG 1 (Bag 1 Watt Hours)	16.16	--
	ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	7.469	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	571.135	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.189	--
	FE BAG 2 (Bag 2 Fuel Economy)	15.29	15.29
	CH4 BAG 2 (Bag 2 Methane)	0.011	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.031425	--
	HC-TOTAL BAG 2 (Bag 2 Total Hydrocarbon)	0.038	--
	WATT-HRS BAG 2 (Bag 2 Watt Hours)	17.03	--
	METHANE (CH4 - Methane)	0.0103	--
	CO (Carbon Monoxide)	0.3369	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.71	--
	DT-EER (Drive Trace Energy Economy Rating)	0.41	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.39	--
	HCHO (Formaldehyde)	0.001511	--
	MFR FE (Manufacturer Fuel Economy)	14.58	14.58
	NOX (Nitrogen Oxide)	0.0111	--
	N2O (Nitrous Oxide)	0.0032	--
	HC-NM (Non-methane Hydrocarbon)	0.316	--
	NMOG (Non-methane organic gases)	0.034706	--
	HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)	0.3271	--
	HC-TOTAL (Total Hydrocarbon)	0.0409	--
	WATT-HRS (Watt Hours)	33.19	--

Page 13 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18				Evaporative/Refueling Family				VMLNR0130M18		
Test Result Name				Unrounded Test Result				Verify Calculated CREE/OPT-CREE				
Carbon-Related Exhaust Emissions				599.153				600				
Test Result Name				Unrounded Test Result				Verify Calculated CO2				
Carbon dioxide				598.531				--				
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Config #0: Sport Powertrain Mode. 2x UDDS.												
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 125	CO	0.34	--	--	--	0.380	--	0.7	2.1	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	CO-COMP	0.86	--	--	--	0.380	--	0.9	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	CREE	600	--	--	--	0.0	--	600	--	--
Fed	150,000 miles	Federal Tier 3 Bin 125	HCHO	0.0015	--	--	--	0.0005	--	0.002	0.004	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	METHANE	0.0103	--	--	--	0.0069	--	0.017	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	N2O	0.0032	--	--	--	0.0028	--	0.006	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0347	--	1.1	--	0.0149	--	0.050	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0458	--	--	--	--	--	0.072	0.125	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX-COMP	0.0675	--	--	--	0.0	--	0.068	0.090	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0111	--	--	--	0.0115	--	0.023	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV125	CO	0.34	--	--	--	0.380	--	0.7	2.1	Pass
CA	150,000 miles	California LEV-IV ULEV125	HCHO	0.0015	--	--	--	0.0005	--	0.002	0.004	Pass
CA	150,000 miles	California LEV-IV ULEV125	METHANE	0.0103	--	--	--	0.0069	--	0.017	0.030	Pass
CA	150,000 miles	California LEV-IV ULEV125	N2O	0.0032	--	--	--	0.0028	--	0.006	0.010	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.03471	--	1.1	--	0.0149	--	0.0496	999.9999	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.04581	--	--	--	--	--	0.072	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.01110	--	--	--	0.0115	--	0.0226	999.9999	Pass
NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.												

Page 14 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Test #	VMLN10093848	Test Procedure	51 - CA fuel 50 Deg(F) exhaust test
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline
Test Date	03/13/2026	Fuel	Gasoline
Fuel Batch ID	79467	Fuel Calibration Number	7328
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Applus IDIADA Group		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4747	Odometer Units	K
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
Test Results			



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	ACT-DISTANCE (Actual Distance Driven (miles))	11.1	--
	ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.6	--
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	677.009	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	0.861	--
	FE BAG 1 (Bag 1 Fuel Economy)	12.87	12.87
	CH4 BAG 1 (Bag 1 Methane)	0.021	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.12751	--
	WATT-HRS BAG 1 (Bag 1 Watt Hours)	-11.2693	--
	ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.9	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	668.922	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.045	--
	FE BAG 2 (Bag 2 Fuel Economy)	13.06	13.06
	CH4 BAG 2 (Bag 2 Methane)	0	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--
	WATT-HRS BAG 2 (Bag 2 Watt Hours)	14.802	--
	ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.6	--
	CO2 BAG 3 (Bag 3 Carbon Dioxide)	564.652	--
	CO BAG 3 (Bag 3 Carbon Monoxide)	0.232	--
	FE BAG 3 (Bag 3 Fuel Economy)	15.46	15.46
	CH4 BAG 3 (Bag 3 Methane)	0.021	--
	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.03962	--
	WATT-HRS BAG 3 (Bag 3 Watt Hours)	-70.1293	--
	METHANE (CH4 - Methane)	0.0103	--
	CO (Carbon Monoxide)	0.265364	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-41	--
	DT-EER (Drive Trace Energy Economy Rating)	-0.06	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-16	--
	HCHO (Formaldehyde)	0.000888	--
	MFR FE (Manufacturer Fuel Economy)	13.6	13.6
	NOX (Nitrogen Oxide)	0.014096	--
	HC-NM (Non-methane Hydrocarbon)	0.033417	--

Page 16 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18		Evaporative/Refueling Family				VMLNR0130M18				
		NMOG (Non-methane organic gases)		0.036742				--				
		HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)		0.047512				--				
		HC-TOTAL (Total Hydrocarbon)		0.043114				--				
		WATT-HRS (Watt Hours)		-66.5966				--				
		Test Result Name		Unrounded Test Result				Verify Calculated CO2				
		Carbon dioxide		641.95				--				
Manufacturer Test Comments												
FE in miles per gallon. All emissions results in grams per mile. Config #0: Sport Powertrain Mode.												
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
CA	4,000 miles	California LEV-IV ULEV125	CO	0.27	--	--	--	0.0	--	0.3	2.1	Pass
CA	4,000 miles	California LEV-IV ULEV125	HCHO	0.0009	--	--	--	0.0	--	0.001	0.016	Pass
CA	4,000 miles	California LEV-IV ULEV125	NMOG	0.03674	--	1.1	--	0.0	--	0.0367	999.9999	Pass
CA	4,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.05084	--	--	--	--	--	0.051	0.250	Pass
CA	4,000 miles	California LEV-IV ULEV125	NOX	0.01410	--	--	--	0.0	--	0.0141	999.9999	Pass



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Test #	VMLN10093844	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline
Test Date	02/10/2026	Fuel	Gasoline
Fuel Batch ID	79467	Fuel Calibration Number	7328
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Applus IDIADA Group		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4009	Odometer Units	K
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
Test Results			
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
ACT-DISTANCE (Actual Distance Driven (miles))	10.215	--	
METHANE (CH4 - Methane)	0.0005	--	
CO (Carbon Monoxide)	0.068	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.59	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.11	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.67	--	
MFR FE (Manufacturer Fuel Economy)	23.7	23.7	
NOX (Nitrogen Oxide)	0.0003	--	
HC-NM (Non-methane Hydrocarbon)	0.0001	--	
NMOG (Non-methane organic gases)	0.000103	--	
HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)	0.0004	--	
HC-TOTAL (Total Hydrocarbon)	0.0005	--	
WATT-HRS (Watt Hours)	2.36	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	368.208	368	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	368.131	--	
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Config #0: Sport Powertrain Mode.			



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family					VMLNR0130M18		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 125	CREE	368	--	--	--	0.0	--	368	--	--
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0001	--	1.1	--	0.0149	--	0.015	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0004	--	--	--	--	--	0.027	0.125	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0003	--	--	--	0.0115	--	0.012	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.00010	--	1.1	--	0.0149	--	0.0150	999.9999	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.00040	--	--	--	--	--	0.027	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.00030	--	--	--	0.0115	--	0.0118	999.9999	Pass

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



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Test #	VMLN10093847	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline
Test Date	02/10/2026	Fuel	Gasoline
Fuel Batch ID	79467	Fuel Calibration Number	7328
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Applus IDIADA Group		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4070	Odometer Units	K
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
Test Results			



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
ACT-DISTANCE (Actual Distance Driven (miles))	8	--	
ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	1.77	--	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	665.3	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.438	--	
FE BAG 1 (Bag 1 Fuel Economy)	13.1	13.1	
CH4 BAG 1 (Bag 1 Methane)	0.018	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.01545	--	
HC-TOTAL BAG 1 (Bag 1 Total Hydrocarbon)	0.03	--	
WATT-HRS BAG 1 (Bag 1 Watt Hours)	5.01	--	
ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	6.23	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	420.2	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.12	--	
FE BAG 2 (Bag 2 Fuel Economy)	20.8	20.8	
CH4 BAG 2 (Bag 2 Methane)	0.006	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.00309	--	
HC-TOTAL BAG 2 (Bag 2 Total Hydrocarbon)	0.008	--	
WATT-HRS BAG 2 (Bag 2 Watt Hours)	-2.7	--	
METHANE (CH4 - Methane)	0.0085	--	
CO (Carbon Monoxide)	0.1901	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-2.13	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.65	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-3.38	--	
MFR FE (Manufacturer Fuel Economy)	18.4	18.4	
NOX (Nitrogen Oxide)	0.0037	--	
HC-NM (Non-methane Hydrocarbon)	0.0056	--	
NMOG (Non-methane organic gases)	0.005768	--	
HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)	0.0093	--	
HC-TOTAL (Total Hydrocarbon)	0.0129	--	
WATT-HRS (Watt Hours)	2.31	--	

Page 21 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18				Evaporative/Refueling Family				VMLNR0130M18			
		Test Result Name		Unrounded Test Result		Verify Calculated CO2							
		Carbon dioxide		474.373		--							
Manufacturer Test Comments				FE in miles per gallon. All emissions results in grams per mile. Config #0: Sport Powertrain Mode.									
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail	
Fed	150,000 miles	Federal Tier 3 Bin 125	CO	0.19010	--	--	--	0.380	--	0.5701	999.9999	Pass	
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.00577	--	1.1	--	0.0149	--	0.0207	999.9999	Pass	
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.00370	--	--	--	0.0115	--	0.0152	999.9999	Pass	
CA	150,000 miles	California LEV-IV ULEV125	CO	0.19	--	--	--	0.380	--	0.6	9.6	Pass	
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.00577	--	1.1	--	0.0149	--	0.0207	999.9999	Pass	
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.00947	--	--	--	--	--	0.036	0.125	Pass	
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.00370	--	--	--	0.0115	--	0.0152	999.9999	Pass	



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18																																										
Test #	VMLN10093845	Test Procedure	95 - SC03																																										
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline																																										
Test Date	03/12/2026	Fuel	Gasoline																																										
Fuel Batch ID	79467	Fuel Calibration Number	7328																																										
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned																																										
Verify Test Lab ID	Applus IDIADA Group																																												
E10 Evaporative Test Measurement Method	--																																												
Test Start Odometer Reading	4723	Odometer Units	K																																										
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--																																										
State of Charge Delta	Yes																																												
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																																										
Test Results																																													
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>ACT-DISTANCE (Actual Distance Driven (miles))</td><td>3.564</td><td>--</td></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.0228</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>0.831</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>-1.46</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>0.01</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>-0.97</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>11</td><td>11</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.0352</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.0246</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.025338</td><td>--</td></tr><tr><td>HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)</td><td>0.0598</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.0462</td><td>--</td></tr><tr><td>WATT-HRS (Watt Hours)</td><td>-91.78</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	ACT-DISTANCE (Actual Distance Driven (miles))	3.564	--	METHANE (CH4 - Methane)	0.0228	--	CO (Carbon Monoxide)	0.831	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.46	--	DT-EER (Drive Trace Energy Economy Rating)	0.01	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.97	--	MFR FE (Manufacturer Fuel Economy)	11	11	NOX (Nitrogen Oxide)	0.0352	--	HC-NM (Non-methane Hydrocarbon)	0.0246	--	NMOG (Non-methane organic gases)	0.025338	--	HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)	0.0598	--	HC-TOTAL (Total Hydrocarbon)	0.0462	--	WATT-HRS (Watt Hours)	-91.78	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)																																											
ACT-DISTANCE (Actual Distance Driven (miles))	3.564	--																																											
METHANE (CH4 - Methane)	0.0228	--																																											
CO (Carbon Monoxide)	0.831	--																																											
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.46	--																																											
DT-EER (Drive Trace Energy Economy Rating)	0.01	--																																											
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.97	--																																											
MFR FE (Manufacturer Fuel Economy)	11	11																																											
NOX (Nitrogen Oxide)	0.0352	--																																											
HC-NM (Non-methane Hydrocarbon)	0.0246	--																																											
NMOG (Non-methane organic gases)	0.025338	--																																											
HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)	0.0598	--																																											
HC-TOTAL (Total Hydrocarbon)	0.0462	--																																											
WATT-HRS (Watt Hours)	-91.78	--																																											
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CO2</th></tr><tr><td>Carbon dioxide</td><td>794.9</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated CO2	Carbon dioxide	794.9	--																																				
Test Result Name	Unrounded Test Result	Verify Calculated CO2																																											
Carbon dioxide	794.9	--																																											
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Config #0: Sport Powertrain Mode.																																													



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18				Evaporative/Refueling Family				VMLNR0130M18		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 125	CO	0.83100	--	--	--	0.380	--	1.2110	999.9999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.02534	--	1.1	--	0.0149	--	0.0402	999.9999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.03520	--	--	--	0.0115	--	0.0467	999.9999	Pass
CA	150,000 miles	California LEV-IV ULEV125	CO	0.83	--	--	--	0.380	--	1.2	2.1	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.02534	--	1.1	--	0.0149	--	0.0402	999.9999	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.06054	--	--	--	--	--	0.087	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.03520	--	--	--	0.0115	--	0.0467	999.9999	Pass

Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

[illegible]



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family			VMLNR0130M18	
Dynamometer Coefficients:									
		Target Coefficients			Set Coefficients				
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients		
City/Highway/Evap	58.65	0.992	0.01807	43.1	0.482	0.02089	20.5		
Cold CO	64.52	1.091	0.01988	35.97	0.321	0.02402	N/A		
US06	58.65	0.992	0.01807	43.1	0.482	0.02089	N/A		
Emission Control Device Comments	--								
Manufacturer Test Vehicle Comments	Config #1 - W1 - Comfort Powertrain Mode								



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Test #	VMLN10093851	Test Procedure	35 - California fuel 3-day exhaust
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline
Test Date	01/08/2026	Fuel	Gasoline
Fuel Batch ID	72834	Fuel Calibration Number	500
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Applus IDIADA Group		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3732	Odometer Units	K
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
Test Results			

Page 27 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	ACT-DISTANCE (Actual Distance Driven (miles))	11.1	--
	ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.6	--
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	635.514	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	0.688	--
	FE BAG 1 (Bag 1 Fuel Economy)	13.75	13.75
	CH4 BAG 1 (Bag 1 Methane)	0.019	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.089992	--
	WATT-HRS BAG 1 (Bag 1 Watt Hours)	40.015	--
	ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.9	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	642.228	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.087	--
	FE BAG 2 (Bag 2 Fuel Economy)	13.63	13.63
	CH4 BAG 2 (Bag 2 Methane)	0	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.001569	--
	WATT-HRS BAG 2 (Bag 2 Watt Hours)	-1.96	--
	ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.6	--
	CO2 BAG 3 (Bag 3 Carbon Dioxide)	537.683	--
	CO BAG 3 (Bag 3 Carbon Monoxide)	0.032	--
	FE BAG 3 (Bag 3 Fuel Economy)	16.28	16.28
	CH4 BAG 3 (Bag 3 Methane)	0.003	--
	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.000735	--
	WATT-HRS BAG 3 (Bag 3 Watt Hours)	-61.789	--
	METHANE (CH4 - Methane)	0.004962	--
	CO (Carbon Monoxide)	0.196734	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.89	--
	DT-EER (Drive Trace Energy Economy Rating)	0.22	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.01	--
	MFR FE (Manufacturer Fuel Economy)	14.29	14.29
	NOX (Nitrogen Oxide)	0.008956	--
	HC-NM (Non-methane Hydrocarbon)	0.017964	--
	NMOG (Non-methane organic gases)	0.019709	--

Page 28 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18		Evaporative/Refueling Family		VMLNR0130M18						
		HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)		0.02692		--						
		HC-TOTAL (Total Hydrocarbon)		0.022468		--						
		WATT-HRS (Watt Hours)		-23.734		--						
		Test Result Name	Unrounded Test Result		Verify Calculated CREE/OPT-CREE							
		Carbon-Related Exhaust Emissions	612.41		612							
		Test Result Name	Unrounded Test Result		Verify Calculated CO2							
		Carbon dioxide	612.095		--							
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Config #1: Comfort Powertrain Mode. FTP75 Evaporative ORVR.												
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 125	CO	0.20	--	--	--	0.380	--	0.6	2.1	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	CREE	612	--	--	--	0.0	--	612	--	--
Fed	150,000 miles	Federal Tier 3 Bin 125	METHANE	0.0050	--	--	--	0.0069	--	0.012	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0197	--	1.1	--	0.0149	--	0.035	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0287	--	--	--	--	--	0.055	0.125	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0090	--	--	--	0.0115	--	0.020	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV125	CO	0.20	--	--	--	0.380	--	0.6	2.1	Pass
CA	150,000 miles	California LEV-IV SULEV125	CREE	612	--	--	--	0.0	--	612	--	--
CA	150,000 miles	California LEV-IV SULEV125	METHANE	0.0050	--	--	--	0.0069	--	0.012	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV125	NMOG	0.0197	--	1.1	--	0.0149	--	0.035	999.999	Pass
CA	150,000 miles	California LEV-IV SULEV125	NMOG+NOX	0.0287	--	--	--	--	--	0.055	0.125	Pass
CA	150,000 miles	California LEV-IV SULEV125	NOX	0.0090	--	--	--	0.0115	--	0.020	999.999	Pass
NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.												



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Test #	VMLN10093852	Test Procedure	35 - California fuel 3-day exhaust
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline
Test Date	12/05/2025	Fuel	Gasoline
Fuel Batch ID	72834	Fuel Calibration Number	500
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Applus IDIADA Group		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3630	Odometer Units	K
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
Test Results			



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	ACT-DISTANCE (Actual Distance Driven (miles))	11.1	--
	ACT-DISTANCE BAG 1 (Bag 1 Actual Distance)	3.6	--
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	706.732	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	0.619	--
	FE BAG 1 (Bag 1 Fuel Economy)	12.37	12.37
	CH4 BAG 1 (Bag 1 Methane)	0.016	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.081559	--
	WATT-HRS BAG 1 (Bag 1 Watt Hours)	-328.351	--
	ACT-DISTANCE BAG 2 (Bag 2 Actual Distance)	3.9	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	649.323	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.046	--
	FE BAG 2 (Bag 2 Fuel Economy)	13.48	13.48
	CH4 BAG 2 (Bag 2 Methane)	0	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.000558	--
	WATT-HRS BAG 2 (Bag 2 Watt Hours)	-3.512	--
	ACT-DISTANCE BAG 3 (Bag 3 Actual Distance)	3.6	--
	CO2 BAG 3 (Bag 3 Carbon Dioxide)	556.252	--
	CO BAG 3 (Bag 3 Carbon Monoxide)	0.051	--
	FE BAG 3 (Bag 3 Fuel Economy)	15.74	15.74
	CH4 BAG 3 (Bag 3 Methane)	0.004	--
	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.000252	--
	WATT-HRS BAG 3 (Bag 3 Watt Hours)	-166.695	--
	METHANE (CH4 - Methane)	0.004571	--
	CO (Carbon Monoxide)	0.166021	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.86	--
	DT-EER (Drive Trace Energy Economy Rating)	-0.34	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.94	--
	MFR FE (Manufacturer Fuel Economy)	13.77	13.77
	NOX (Nitrogen Oxide)	0.011586	--
	HC-NM (Non-methane Hydrocarbon)	0.015747	--
	NMOG (Non-methane organic gases)	0.017277	--

Page 31 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM

Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18		Evaporative/Refueling Family				VMLNR0130M18					
HC-NM+NOX (SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03)				0.027333				--					
HC-TOTAL (Total Hydrocarbon)				0.020133				--					
WATT-HRS (Watt Hours)				-498.558				--					
Test Result Name				Unrounded Test Result				Verify Calculated CREE/OPT-CREE					
Carbon-Related Exhaust Emissions				635.861				636					
Test Result Name				Unrounded Test Result				Verify Calculated CO2					
Carbon dioxide				635.645				--					
Manufacturer Test Comments													
FE in miles per gallon. All emissions results in grams per mile. Config #1: Comfort Powertrain Mode. FTP75 Evaporative 3DD.													
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail	
Fed	150,000 miles	Federal Tier 3 Bin 125	CO	0.17	--	--	--	0.380	--	0.6	2.1	Pass	
Fed	150,000 miles	Federal Tier 3 Bin 125	CREE	636	--	--	--	0.0	--	636	--	--	
Fed	150,000 miles	Federal Tier 3 Bin 125	METHANE	0.0046	--	--	--	0.0069	--	0.012	0.030	Pass	
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0173	--	1.1	--	0.0149	--	0.032	999.999	Pass	
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0289	--	--	--	--	--	0.055	0.125	Pass	
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0116	--	--	--	0.0115	--	0.023	999.999	Pass	
CA	150,000 miles	California LEV-IV SULEV125	CO	0.17	--	--	--	0.380	--	0.6	2.1	Pass	
CA	150,000 miles	California LEV-IV SULEV125	CREE	636	--	--	--	0.0	--	636	--	--	
CA	150,000 miles	California LEV-IV SULEV125	METHANE	0.0046	--	--	--	0.0069	--	0.012	0.030	Pass	
CA	150,000 miles	California LEV-IV SULEV125	NMOG	0.0173	--	1.1	--	0.0149	--	0.032	999.999	Pass	
CA	150,000 miles	California LEV-IV SULEV125	NMOG+NOX	0.0289	--	--	--	--	--	0.055	0.125	Pass	
CA	150,000 miles	California LEV-IV SULEV125	NOX	0.0116	--	--	--	0.0115	--	0.023	999.999	Pass	
NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.													



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18						
Test #	VMLN10093855	Test Procedure	38 - CA fuel 3-day evap.						
Exhaust Test # for this Evap Test	VMLN10093852	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline						
Test Date	12/05/2025	Fuel	Gasoline						
Fuel Batch ID	72834	Fuel Calibration Number	500						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	Applus IDIADA Group								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	3630	Odometer Units	K						
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--						
State of Charge Delta	Yes								
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes						
Test Results									
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td><td>0.227</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.227	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.227	--							
Manufacturer Test Comments 3-day diurnal emission result in grams.									
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	0.23	0.0021	0.2	0.3	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.23	0.0021	0.2	0.3	Pass	



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18						
Test #	VMLN10093854	Test Procedure	37 - California Fuel Running Loss						
Exhaust Test # for this Evap Test	VMLN10093852	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline						
Test Date	12/05/2025	Fuel	Gasoline						
Fuel Batch ID	72834	Fuel Calibration Number	500						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	Applus IDIADA Group								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	3630	Odometer Units	K						
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--						
State of Charge Delta	Yes								
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes						
Test Results									
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td><td>0.00032</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.00032	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.00032	--							
Manufacturer Test Comments Emission result in grams per mile. Config #1: Comfort Powertrain Mode. Part of Evaporative 3DD test process.									
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	0.000	0.000	0.00	0.05	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.000	0.000	0.00	0.05	Pass	



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18						
Test #	VMLN10093857	Test Procedure	24 - Federal fuel refueling test (ORVR)						
Exhaust Test # for this Evap Test	VMLN10093851	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline						
Test Date	01/08/2026	Fuel	Gasoline						
Fuel Batch ID	72834	Fuel Calibration Number	500						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	Applus IDIADA Group								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	3732	Odometer Units	K						
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--						
State of Charge Delta	Yes								
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes						
Test Results									
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td><td>0.009</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.009	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.009	--							
Manufacturer Test Comments ORVR Refuelling emissions result in g/dispensed gal. Config #1: Comfort Powertrain Mode.									
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	0.01	0.006	0.0	0.2	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.01	0.006	0.0	0.2	Pass	



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18																																
Test #	VMLN10093859	Test Procedure	65 - Evap Canister Bleed Test																																
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline																																
Test Date	06/04/2025	Fuel	Gasoline																																
Fuel Batch ID	72834	Fuel Calibration Number	500																																
Vehicle Class	N/A	DF Type	EPA Assigned																																
Verify Test Lab ID	Applus IDIADA Group																																		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)																																		
Test Start Odometer Reading	0	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																																			
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value</th></tr><tr><td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td><td>0.0034</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0034	--																										
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value																																	
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0034	--																																	
Manufacturer Test Comments Rig test performed. Result in g.																																			
<table><tr><th>Certification Region</th><th>Useful Life</th><th>Standard Level</th><th>Emission Name</th><th>Rounded Result</th><th>Add DF</th><th>Certification Level</th><th>Standard</th><th>Pass/Fail</th></tr><tr><td>Fed</td><td>150,000 miles</td><td>Federal Tier 3 Evap</td><td>HC-TOTAL-EQUIV</td><td>0.003</td><td>0.000</td><td>0.00</td><td>0.02</td><td>Pass</td></tr><tr><td>CA</td><td>150,000 miles</td><td>California LEV-IV Zero Evap (Option 2)</td><td>HC-TOTAL-EQUIV</td><td>0.003</td><td>0.000</td><td>0.00</td><td>0.02</td><td>Pass</td></tr></table>									Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail	Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.003	0.000	0.00	0.02	Pass	CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.003	0.000	0.00	0.02	Pass
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail																											
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.003	0.000	0.00	0.02	Pass																											
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.003	0.000	0.00	0.02	Pass																											



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18						
Test #	VMLN10093858	Test Procedure	67 - Leak Test - Port Near Canister						
Exhaust Test # for this Evap Test	--	Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline						
Test Date	05/14/2025	Fuel	Gasoline						
Fuel Batch ID	72834	Fuel Calibration Number	500						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	Applus IDIADA Group								
E10 Evaporative Test Measurement Method	--								
Test Start Odometer Reading	0	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	<table><tr><td>Test Result Name</td><td>Unrounded Test Result</td><td>Verify Calculated FE Equivalent Value</td></tr><tr><td>LEAK-DIA (Effective Leak Diameter (inches))</td><td>0</td><td>--</td></tr></table>			Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value	LEAK-DIA (Effective Leak Diameter (inches))	0	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value							
LEAK-DIA (Effective Leak Diameter (inches))	0	--							
Manufacturer Test Comments	Rig test performed. Leak Check tested according to 40 CFR §1066.985. Result given = deff. No leaks detected.								
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	0.000	0.000	0.00	0.02	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	LEAK-DIA	0.000	0.000	0.00	0.02	Pass	



Date: 06/09/2026 12:58:30 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
Fuel Properties			
Fuel Batch ID	72834	Fuel Calibration Number	500
Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline	Fuel Batch Calibration Date	03/10/2025
Fuel Batch Calibration Effective Date	03/13/2025	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	0.753
Fuel Ethanol Volume Percent (%)	9.4	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.46	Fuel Carbon Mass Fraction (E10)	0.83
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	79467	Fuel Calibration Number	7328
Test Fuel Type	52 - CARB LEV4 E10 Premium Gasoline	Fuel Batch Calibration Date	12/15/2025
Fuel Batch Calibration Effective Date	01/12/2026	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	0.752
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.424	Fuel Carbon Mass Fraction (E10)	0.828
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family		VMLNR0130M18		
Consolidated List of Standards									
Exhaust Standards									
Cert Region		California + CAA Section 177 states			Cert/In-Use Code		Cert		
Vehicle Class		LDV/Passenger Car			Standard Level		California LEV-IV ULEV125		
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	--	--	--	--	--	--	0.380	10.0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code		Cert		
Vehicle Class		LDV/Passenger Car			Standard Level		California LEV-IV SULEV125		
Fuel		Gasoline			Test Procedure		California fuel 3-day exhaust		
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	--	--	--	--	--	--	0.380	2.1
150,000 miles	CREE	--	--	--	--	--	--	0.0	999.999
150,000 miles	HCHO	--	--	--	--	--	--	0.0002	0.004
150,000 miles	METHANE	--	--	--	--	--	--	0.0069	0.030
150,000 miles	N2O	--	--	--	--	--	--	0.0028	0.010
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0149	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	999.999
Cert Region		Federal			Cert/In-Use Code		Cert		
Vehicle Class		LDV/Passenger Car			Standard Level		Federal Tier 3 Bin 125		
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	--	--	--	--	--	--	0.380	999.9999
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0149	999.9999
150,000 miles	NOX	--	--	--	--	--	--	0.0115	999.9999

Page 39 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family			VMLNR0130M18	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV125	
Fuel		Gasoline			Test Procedure			CA fuel 50 Deg(F) exhaust test	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
4,000 miles	CO	--	--	--	--	--	--	0.0	2.1
4,000 miles	HCHO	--	--	--	--	--	--	0.0	0.016
4,000 miles	NMOG	--	--	1.1	--	--	--	0.0	999.9999
4,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.250
4,000 miles	NOX	--	--	--	--	--	--	0.0	999.9999
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV125	
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	--	--	--	--	--	--	0.380	2.1
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0149	999.9999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	999.9999
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125	
Fuel		Gasoline			Test Procedure			Cold CO	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.380	10.0
150,000 miles	HC-NM	--	--	--	--	--	--	0.0149	0.3



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family			VMLNR0130M18	
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 50	
Fuel		Gasoline			Test Procedure			California fuel 2-day exhaust (w/can load)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.160	1.7
150,000 miles	CREE	--	--	--	--	--	--	0.0	999.999
150,000 miles	HCHO	--	--	--	--	--	--	0.0002	0.004
150,000 miles	METHANE	--	--	--	--	--	--	0.0026	0.030
150,000 miles	N2O	--	--	--	--	--	--	0.0011	0.010
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0062	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0047	999.999

Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125	
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	--	--	--	--	--	--	0.380	2.1
150,000 miles	CO-COMP	--	--	--	--	--	--	0.380	4.2
150,000 miles	CREE	--	--	--	--	--	--	0.0	999.999
150,000 miles	HCHO	--	--	--	--	--	--	0.0005	0.004
150,000 miles	METHANE	--	--	--	--	--	--	0.0069	0.030
150,000 miles	N2O	--	--	--	--	--	--	0.0028	0.010
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0149	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.125
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0.0	0.090
150,000 miles	NOX	--	--	--	--	--	--	0.0115	999.999



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family			VMLNR0130M18		
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125		
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	--	--	--	--	--	--	0.380	999.9999	
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0149	999.9999	
150,000 miles	NOX	--	--	--	--	--	--	0.0115	999.9999	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV125		
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	--	--	--	--	--	--	0.380	9.6	
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0149	999.9999	
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.125	
150,000 miles	NOX	--	--	--	--	--	--	0.0115	999.9999	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-III ULEV50		
Fuel		Gasoline			Test Procedure			California fuel 2-day exhaust (w/can load)		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0.160	1.7	
150,000 miles	CREE	--	--	--	--	--	--	0.0	999.999	
150,000 miles	HCHO	--	--	--	--	--	--	0.0002	0.004	
150,000 miles	METHANE	--	--	--	--	--	--	0.0026	0.030	
150,000 miles	N2O	--	--	--	--	--	--	0.0011	0.010	
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0062	999.999	
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.050	
150,000 miles	NOX	--	--	--	--	--	--	0.0047	999.999	



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family			VMLNR0130M18	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV125	
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	--	--	--	--	--	--	0.380	2.1
150,000 miles	HCHO	--	--	--	--	--	--	0.0005	0.004
150,000 miles	METHANE	--	--	--	--	--	--	0.0069	0.030
150,000 miles	N2O	--	--	--	--	--	--	0.0028	0.010
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0149	999.9999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	999.9999
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125	
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	--	--	--	--	--	--	0.0	999.999
150,000 miles	NMOG	--	--	1.1	--	--	--	0.0149	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	999.999



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18			Evaporative/Refueling Family			VMLNR0130M18		
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125		
Fuel		Gasoline			Test Procedure			California fuel 3-day exhaust		

Page 44 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18		Evaporative/Refueling Family		VMLNR0130M18	
Evaporative/Refueling Family		VMLNR0130M18		Cert Region		California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)	
Cert/In-Use Code		Cert		Standard Level			
Test Procedure		CA fuel 3-day evap.					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.3	0.0021		
Evaporative/Refueling Family		VMLNR0130M18		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	0.000		
Evaporative/Refueling Family		VMLNR0130M18		Cert Region		Federal	
Cert/In-Use Code		Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure		California Fuel Running Loss					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000		
Evaporative/Refueling Family		VMLNR0130M18		Cert Region		California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)	
Cert/In-Use Code		Cert		Standard Level			
Test Procedure		Spitback					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	SPITBACK	--	1.0	0.000		
Evaporative/Refueling Family		VMLNR0130M18		Cert Region		California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)	
Cert/In-Use Code		Cert		Standard Level			
Test Procedure		Evap Canister Bleed Test					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.02	0.000		

Page 45 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group	VMLNV04.0M18		Evaporative/Refueling Family		VMLNR0130M18	
Evaporative/Refueling Family	VMLNR0130M18		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code	Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure	California Fuel Running Loss					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF	
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000	
Evaporative/Refueling Family	VMLNR0130M18		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	0.000	
Evaporative/Refueling Family	VMLNR0130M18		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-TOTAL-EQUIV	--	0.2	0.006	
Evaporative/Refueling Family	VMLNR0130M18		Cert Region		Federal	
Cert/In-Use Code	Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure	Evap Canister Bleed Test					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF	
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.02	0.000	
Evaporative/Refueling Family	VMLNR0130M18		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-TOTAL-EQUIV	--	0.2	0.006	



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18	Evaporative/Refueling Family	VMLNR0130M18
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	

Page 47 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18	Evaporative/Refueling Family		VMLNR0130M18
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	

Page 48 of 50 CSI Submission/Revision Date: 06/09/2026 12:57:45 PM



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18	Evaporative/Refueling Family		VMLNR0130M18
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		



Date: 06/09/2026 12:58:31 PM

Certification Summary Information Report

Test Group		VMLNV04.0M18	Evaporative/Refueling Family		VMLNR0130M18
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	

8 MANUFACTURER STATEMENTS

8.1 Emissions Testing Waiver Statements

8.1.1 High Altitude Emissions

McLaren affirms that all light-duty vehicles included in the application comply with the applicable high-altitude exhaust and evaporative emissions standards. This is based on good engineering judgement and development testing.

In accordance with 40 CFR 86.1829-15(c) and 40 CFR 86.1829-01(b)(2)(ii)(B), we waive the data submittal on the basis of this statement.

In accordance with 40 CFR 86.1810-17(f) and 40 CFR 86.1865-12(h), McLaren affirms that emissions control strategies are used similarly across all altitudes for light-duty vehicles included in this application.

8.1.2 Particulate Matter (PM)

McLaren affirms that all light-duty vehicles included in the application comply with the applicable particulate matter emission standards. This is based on good engineering judgement and development testing.

In accordance with 40 CFR 86.1829-15(d)(2), we waive the data submittal on the basis of this statement.

8.1.3 Knock Sensor [ref. EPA Guidance VPCD-97-01]

McLaren affirms that the knock sensors do not activate in any way during the FTP and HWFET, and knock sensor control does not influence the City/Highway fuel economy and emission results; both remain within the normal test variability. The calibration is designed to operate on 91 RON gasoline without the need for spark adjustment.

8.1.4 Lean Best Torque [ref. EPA Guidance VPCD-98-17 / 40 CFR 86.1810-01(i)(6)]

McLaren affirms that in determining Lean Best Torque, good engineering practice has been used to establish a calibration such that the Air/Fuel ratio is not richer than the leanest required to obtain maximum torque plus a tolerance of 6% throughout all normal vehicle use. At very high torque and engine speed additional enrichment is provided to protect the engine and emissions control hardware.

8.1.5 Emission Control System Continuity

In accordance with 40 CFR 86.1809-12(e), McLaren affirms that based on engineering evaluation and emission testing there is no discontinuity in emission performance of non-methane organic gases, carbon monoxide, carbon dioxide, oxides of nitrogen, nitrous oxide, methane, and formaldehyde measured on the Federal Test Procedure and Highway Fuel Economy Test procedure in the temperature range 20°F to 86°F.

8.1.6 A/C-On Specific Calibrations

In accordance with 40 CFR 86.1811-17(d)(3), McLaren affirms that no A/C-On specific calibrations are used in the light-duty vehicles included in this application.

8.1.7 Lean-On-Cruise Calibration

In accordance with 40 CFR 86.1811-17(d)(4), McLaren affirms that no lean-on-cruise calibrations are used in the light-duty vehicles included in this application.

8.1.8 Supplemental two-diurnal test sequence

McLaren affirms that all vehicles in the evaporative/refuelling emission family included in the application comply with the applicable particulate matter emission standards. This is based on based on commonality with existing families, good engineering judgement and development testing.

In accordance with 40 CFR 86.1829-15(e)(6), we waive the data submittal based on this statement.

8.1.9 Exhaust System Statement

McLaren affirms that the exhaust system for the 2027MY Test Group VMLNV04.0M18 has been analysed and designed to provide a durable and leak-free exhaust system for the whole vehicle life. The exhaust system design takes into account the need to enable repairs to be performed with commonly available tools to provide and maintain a leak-free status.

8.1.10 Adjustable Parameters

In accordance with 40 CFR 86.1833-01, McLaren affirms that no adjustable parameters are used in the light duty vehicles included in this application.

9 OBD SYSTEM

9.1 OBD System Description

The VMLNV04.0M18 OBD system is designed and calibrated to be fully compliant with the following regulations/specifications:

- a) Title 13, California Code of Regulations, Section 1968.2
- b) SAE J1979 – (R) E.E Diagnostic Test Modes
- c) ISO 15031-5 Road Vehicles – Communication between vehicle and external equipment for emissions related diagnostics – Part 5: Emissions – related diagnostic services
- d) ISO 15765-4 Road Vehicles – Diagnostics on Controller Area Networks (CAN) – Part 4: Requirement for emissions related systems.

The corresponding OBD diagnostic connector is designed and located in accordance with specification SAE J1962.

The OBD system is detailed in Section 16 of the CBI version of this application.

9.2 OBD Approval

The CARB OBD approval letter is in Section 16 of the CBI version of this application.

10 DESCRIPTION OF ALTERNATE FUEL VEHICLES

Not applicable.

11 AUXILIARY EMISSION CONTROL DEVICE (AECD) DESCRIPTIONS

The AECD description information can be found in Section 16.3 of the CBI version of this application.

12 DESCRIPTION OF VEHICLES AND TEST PARAMETERS COVERED BY CERTIFICATE

Vehicle Description	Model Name	W1 Coupe
	Carline Code	180
	Vehicle Classification	LDV
	Sales Area	50 States
Emissions Control System Description	Catalysts	Coated monolith with stainless steel casing. 2 starter and 2 secondary catalysts with GPF
	EGR	N/A
	Air Pump Type	N/A
	Fuel System Type	GDPI: Spark Ignition Direct & Port fuel injection
	Air Intake Aspiration Method	Forced
	Other	N/A
	Engine Code	40JBAT
	Number of valves per cylinder	4
	Engine Displacement	3988 cm ³ / 243.4 in ³
	Transmission	Dual Clutch Transmission (Automatic)
	Shift Indicator Light	No
	Fuel Tank Volume	65 litres
Tyre Description	Tyre Size – Front	265/35/ZR19 98Y
	Rim Size – Front	9.5Jx19
	Tyre Size – Rear	335/30/ZR20 108Y
	Rim Size – Rear	12.0Jx20
Transmission	Highest Gear Ratio	0.51
	Final Drive Ratio	4.25
	N/V Ratio	38.5
	Road Load Horsepower	20.5
Vehicle Weight	Curb Weight	3570
	GVWR	4055
	Equivalent Test Weight	3875

12.1 Test Parameters

12.1.1 Vehicle Operation and Engine Start/Stop Procedures

Switching on the ignition

1. Ensure that the key fob is inside the vehicle.
2. To switch on the ignition without starting the vehicle, press the START/STOP button, without depressing the brake pedal.

NOTE: If the vehicle is in Awake mode, press the START/STOP button twice with the brake pedal released.

3. The ignition will switch on, the oil temperature, water temperature and fuel gauges will operate and several of the warning lights will illuminate as a self-test. The Driver Display will fully illuminate.

Parking brake operation

To disengage the parking brake, keep the brake pedal depressed and push the parking brake switch inwards, the red parking brake applied status light on the Driver Display extinguishes.

Starting/stopping the vehicle

WARNING: Never run the engine when the vehicle is in an enclosed space. Exhaust fumes contain poisonous carbon monoxide.

Breathing exhaust fumes could lead to unconsciousness and death.

NOTE: Do not depress the accelerator pedal when starting the engine.

Starting the vehicle

1. Ensure that the key fob is in the vehicle.
2. Depress the brake pedal, press and release the START/STOP button and the vehicle will start.

Starting the engine

The vehicle defaults to Comfort powertrain and handling modes on startup.

Press the brake pedal and push the START/STOP button. The vehicle will start in hybrid drive mode. Engine + eMotor will drive the wheels from startup.

Stopping the vehicle

1. Depress the brake pedal.
2. Select neutral.
3. Press the START/STOP button. The engine stops, the vehicle enters Awake mode and the immobiliser is activated.

NOTE: The parking brake will apply automatically when the engine is stopped. Automatic application can be overridden by holding the parking brake switch in the off position whilst opening the driver's door.

Driving

Driving away

WARNING: Never turn the vehicle off while driving, there will be no assistance for the steering or the foot brake. You will need more effort to steer and brake and could lose control of the vehicle and cause an accident.

WARNING: Only make aggressive starts in conditions of maximum safety and not in violation of traffic rules.

NOTE: Do not drive at high engine speeds until the engine has reached normal operating temperature.

NOTE: The doors will lock when the vehicle reaches a speed of approximately 9 mph (15 km/h). Auto lock can be set in the settings on the Central Display.

NOTE: During extensive parking manoeuvres the steering assistance might feel slightly stiffer. This is normal and designed to protect the steering system from overheating.

NOTE: When starting from cold, engine idle speed may be increased and gear changes may occur at higher engine speeds. The catalytic converter will reach its operating temperature quicker and reduce engine emissions.

1. With the engine running or the eMotor on, press and hold the brake pedal.
2. Select drive or reverse gear, or initiate an upshift by operating the gearshift paddles.
3. Keep the brake pedal depressed and release the parking brake switch. The red status light on the *Driver Display* will be extinguished.

WARNING: If the parking brake is manually released, the vehicle may start to move.

NOTE: If the parking brake is not manually released, it will automatically release as the vehicle is driven off forward, or in reverse as long as the following conditions are met:

- All doors are closed
- Driver's seat belt is buckled

4. Carefully depress the accelerator pedal.

12.1.2 Operation of the vehicle in a dynamometer test environment

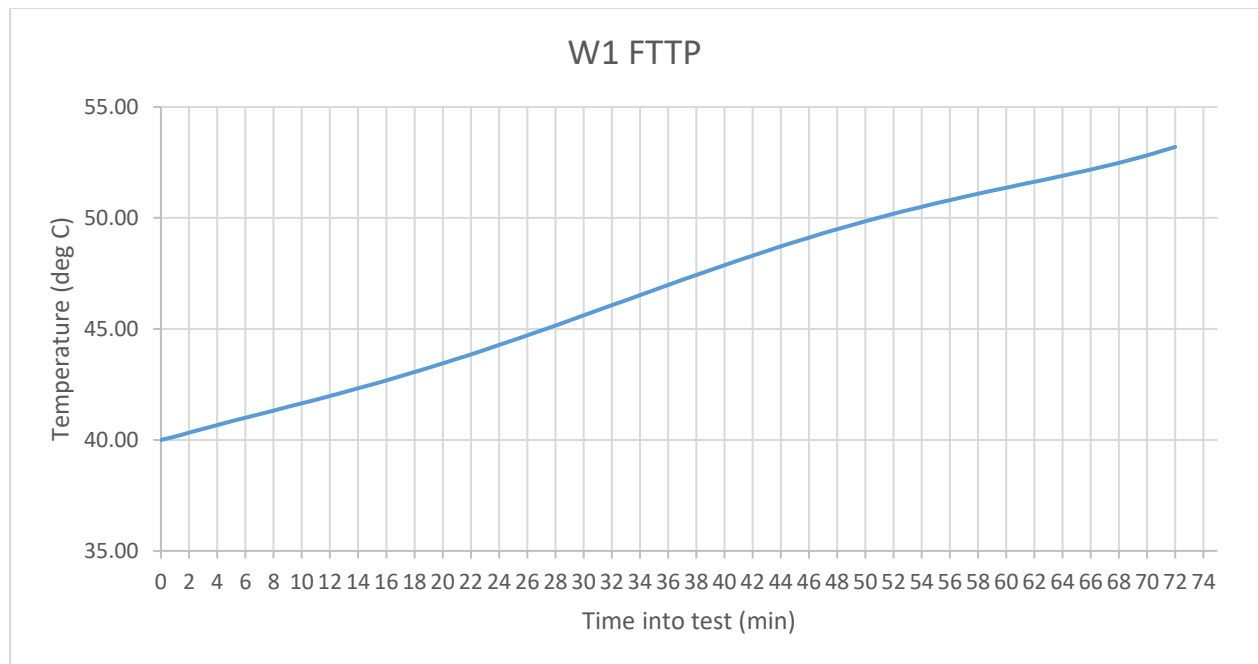
Information relating to operation of the vehicle in a dynamometer test environment is provided in Section 16 of the CBI version of this application.

12.2 Shift schedules:

FTA and US6A Automatic Transmission

12.2.1 Fuel Tank Temperature Profile

In accordance with the requirements of the California Evaporative Emissions Standards and Test Procedures for 2001 and Subsequent Model Motor Vehicles, Part III Section C and USA Federal requirements 40 CFR 86.129-94, testing has been conducted to measure the worst-case Fuel Tank Temperature Profile. The FTTP was corrected to 105°F using the provisions outlined in the California Evaporative Emissions Standards and Test Procedures for 2001 and Subsequent Model Motor Vehicles, Part III, Section C, Point 1.8. The data from which is presented in the graph below:



13 PROJECTED USA VEHICLE SALES

Refer to Section 16 of the CBI version of this application.

14 REQUEST FOR CERTIFICATION

14.1 Statement of Compliance:

McLaren Automotive Limited (McLaren) affirms that any element of design, system, or emission control device installed on or incorporated in McLaren's new motor vehicles or new motor vehicle engines, for the purpose of complying with standards prescribed under Section 202 of the Clean Air Act, will not to the best of McLaren's information and belief, cause the emission into the ambient air of pollutants in the operation of its motor vehicles or motor vehicle engines which cause or contribute to an unreasonable risk of public health or welfare except as specifically permitted by the standards prescribed under Section 202 of the Clean Air Act.

McLaren further states that any element of design, system, or emission control device installed on or incorporated in McLaren's new motor vehicles or new motor vehicle engines, for the purpose of complying with standards prescribed under Section 202 of the Clean Air Act, will not, to the best of McLaren's information and belief, cause or contribute to an unreasonable risk to the public safety.

The term pollutant means:

- a. Diesel particulates
- b. Nickel
- c. MMT combustion products
- d. Ammonia
- e. Sulphates
- f. Hydrogen sulphide
- g. Hydrogen cyanide
- h. Ruthenium combustion products
- i. Nitrosamines

or any other pollutant which McLaren has identified which can reasonably be expected to be emitted from these vehicles.

The test vehicle with respect to which data is submitted is in all material respects as described in the application for certification and has been tested in accordance with the applicable test procedures utilizing the fuels and equipment described in the application for certification. It meets the requirements of such tests, and on the basis of such tests, it conforms to the requirements of the regulations in 40 CFR Part 86 Subpart S.

The test vehicle for which certification is requested conforms to the requirements in 40 CFR 86.1810-17(a) and the description of tests performed to ascertain compliance with the general standards in 40 CFR 86.1810-17(a), and the data derived from such tests, is available.

McLaren Automotive Limited herewith applies for the Federal Certificate of Conformity and a California ARB Executive Order for the Test Group VMLNV04.0M18.

This Test Group complies with all applicable regulations contained in 40 Code of Federal Regulations Part 86 and the California Code of Regulations.



Peter Montague

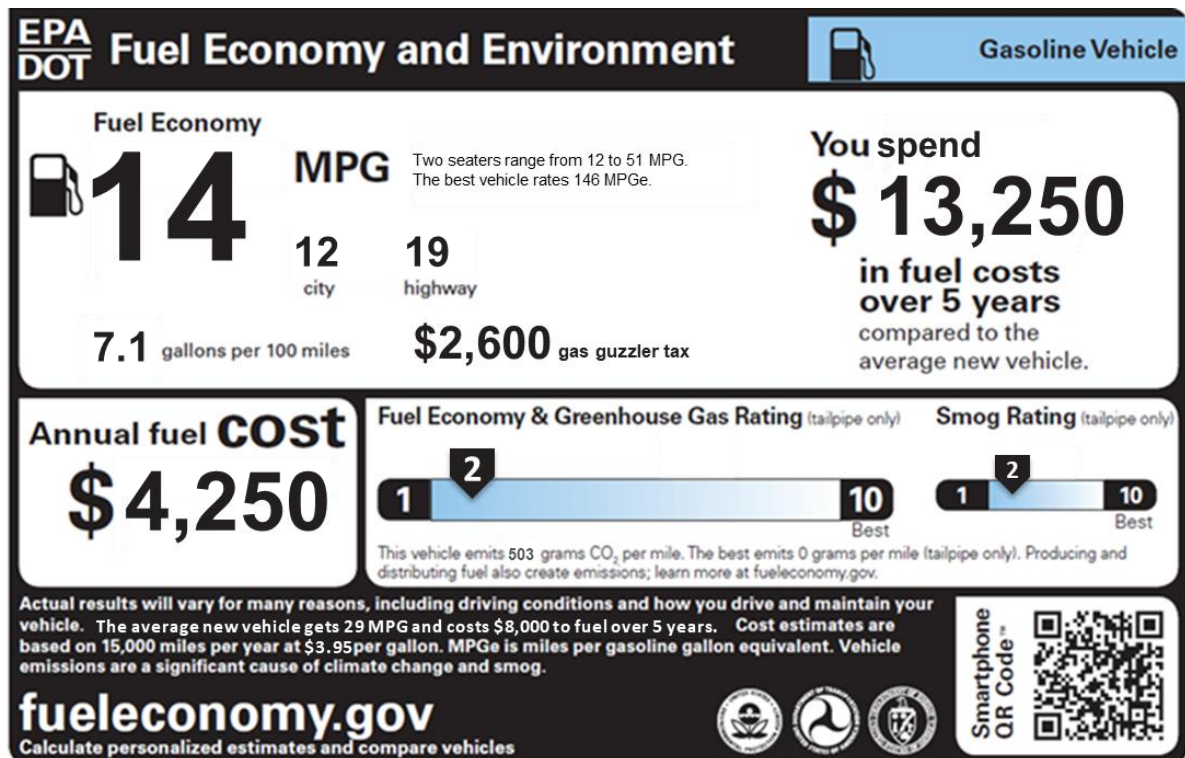
Head of Homologation, McLaren Automotive Limited

15 OTHER INFORMATION

15.1 Vehicle Emission Control Information Label

McLAREN AUTOMOTIVE LTD	
VEHICLE EMISSION CONTROL INFORMATION	
CONFORMS TO REGULATIONS: 2027MY	
TEST GROUP: VMLNV04.0M18	
EVAP FAMILY: VMLNR0130M18	
U.S. EPA: INTERIM T4 B125 LDV	FUEL: GASOLINE
CALIFORNIA: LEV IV ULEV125 PC	OBD: II
2TWC(2)/2WR-HO2S/2HO2S/SFI/DFI/2TC/2CAC/2GPF	
NO ADJUSTMENTS NEEDED	
REMARKS:	
	18PA190CA

15.2 Fuel Economy Label



15.3 Certification Fee Payment

To the representative for McLaren Automotive Limited:

Your certification Fee Filing Form(s) submitted for the following family or test group(s) and the associated financial documentation for your payment of \$64634.00 were received on 11/13/2025.

- VMLNV04.0M14

- VMLNV04.0M18

This message indicates only that EPA has received record of your payment and form(s) for the above certification fee. It does not constitute the granting of a Certificate of Conformity by EPA or convey any information about the status of your certification application for the subject family or test group(s).

Please do not respond to this email. If you have any questions regarding certification of the family or test group(s), please contact your EPA Certification Representative; for questions on fees, contact Fees@epa.gov.