

Pursuant to the authority vested in California Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

**IT IS ORDERED AND RESOLVED:** That the following equipment produced by the manufacturer is certified as described below. Production equipment shall be in all material respects the same as those for which certification is granted.

ENGINE DESCRIPTION			
MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
Chongqing Dajiang Power Equipment Co., Ltd.	PCDPS.4572VD (U-U-105- 0526)	420, 452, 457	Gasoline-LPG dual-fuel
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION
2023	CDPCM24572VD	See Attachment	Brushcutter, Compressor, Edger, Generator Set, Pressure Washer, Pump, Tiller, Other
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Metal		See Attachment	
<small>A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code:- Canister=C Sealed Tank=S Other=O 2. Tank Barrier Type and Code:- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. EVAPORATIVE FAMILY 2-Letter CODE (Venting Control Codes =C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). <b>Note:</b> Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for ECS types.</small>			

The following are the evaporative emission standards (Title 13, California Code of Regulations, Section 2754, as applicable), and certification levels in g organic material hydrocarbon equivalent·day<sup>-1</sup> or g ROG·m<sup>-2</sup>·day<sup>-1</sup> or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent·day <sup>-1</sup> )					
1.20 + 0.056 × Nominal Capacity (L)					
FUEL LINE PERMEATION (g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )		FUEL TANK PERMEATION (g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )		CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	See Attachment	1.5	See Attachment	1.4	See Attachment

**BE IT FURTHER RESOLVED:** That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with Title 13 CCR Section 2759 (labeling), Section 2774 (bond requirements) and Sections 2760 and 2764 (emission control system warranty).

Equipment certified under this Executive Order must conform to all applicable California emission regulations.

**This Executive Order is only granted to the evaporative family and model-year listed above. Equipment in this family that is produced for any other model-year is not covered by this Executive Order.**

Executed on this 19<sup>th</sup> day of May 2023.



Robin U. Lang, Chief  
Emissions Certification and Compliance Division

Date:   September 17, 2022    
 Evaporative Family:   CDPCM24572VD  

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.8	6.2	0.206	Multilayer	150±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-013(8.27L) Q-22-022(8.55L) Q-22-024(6.74L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.1	5.5	0.199	Multilayer	150±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-013(8.27L) Q-22-022(8.55L) Q-22-024(6.74L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6	5.4	0.193	Multilayer	150±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-013(8.27L) Q-22-022(8.55L) Q-22-024(6.74L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.6	6	0.211	Multilayer	150±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-013(8.27L) Q-22-022(8.55L) Q-22-024(6.74L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6	5	0.344	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-013(8.27L) Q-22-022(8.55L) Q-22-024(6.74L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.7	25	0.69	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
X	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.97	30	0.732	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.58	25	0.692	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.4	30	0.714	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30	25	0.691	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.27	30	0.733	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.22	25	0.663	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28.33	25	0.669	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)

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 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30	25	0.716	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.08	31	0.702	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35	30	0.761	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.08	25	0.617	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27	26	0.737	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	43	40	1.013	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-026(50.24) Q-18-017A(51)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	45	40	0.934	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-078	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-026(50.24) Q-18-017A(51)

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Model Summary

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		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.5	25	0.695	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	18	16	0.528	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-015(16.37L) Q-22-016(19.23L) Q-22-027(20.01L) Q-22-025(18.08L) Q-22-028(16.05L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35	32	0.738	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34	32	0.802	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34	32	0.645	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35	30	0.725	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	18	15	0.498	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-015(16.37L) Q-22-016(19.23L) Q-22-027(20.01L) Q-22-025(18.08L) Q-22-028(16.05L)

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		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	16	15	0.508	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-015(16.37L) Q-22-016(19.23L) Q-22-027(20.01L) Q-22-025(18.08L) Q-22-028(16.05L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28	25	0.767	Multilayer	L=(220+300+170)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L) Q-22-030(34.14L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.5	28	0.729	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34	32	0.785	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	36	34	0.873	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	45	43	0.942	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-026(50.24) Q-18-017A(51)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34	32	0.621	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L)

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30	28	0.765	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-019(33.40L) Q-22-023(30L) Q-22-029(30.10L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35	32	0.644	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-19-007B	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.40L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.00	5.00	0.2791642	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	5.50	5.00	0.1996002	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	5.90	5.00	0.2347589	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.00	5.20	0.2592746	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.30	5.30	0.2087089	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.50	5.50	0.2100717	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	5.60	5.50	0.1850434	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.00	5.80	0.213496	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.90	6.00	0.3436309	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.00	6.00	0.2509104	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.00	6.00	0.259079	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.60	6.00	0.3298545	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)



Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.80	6.00	0.2903225	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.10	6.10	0.2835103	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.60	6.20	0.2818848	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.50	6.30	0.242418	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.50	6.30	0.271099	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.80	6.70	0.2147843	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	11.00	8.50	0.3681958	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m²)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	21.50	18.00	0.5951123	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-027(20.01L) Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	20.50	18.00	0.4264737	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-027(20.01L) Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	21.00	18.00	0.4878532	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-027(20.01L) Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	21.00	19.00	0.511417	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-027(20.01L) Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	25.00	19.00	0.6034322	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-027(20.01L) Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	22.00	19.00	0.5354489	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-027(20.01L) Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	20.16	19.00	0.6135852	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-027(20.01L) Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	22.90	19.40	0.562792	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-027(20.01L) Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	23.00	20.00	0.6147093	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

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 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	25.00	20.00	0.4892002	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	20.70	20.00	0.5170595	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	22.00	20.00	0.4621603	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	25.50	21.50	0.6265436	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.10	21.80	0.7189202	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	23.80	22.10	0.7683866	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

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Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	25.70	22.10	0.6480348	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28.00	23.00	0.7652744	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	26.00	23.60	0.6885611	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

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 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.50	23.70	0.453337	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	29.00	24.00	0.6953491	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	25.00	24.00	0.713625	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)



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 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	26.00	25.00	0.6596135	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.00	25.00	0.6638947	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28.00	25.00	0.767094	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

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Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	29.00	25.00	0.6021209	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	26.00	25.00	0.689179	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.00	25.00	0.624545	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

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Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.70	25.20	0.5878457	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	29.00	25.50	0.6017586	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.40	25.90	0.6408225	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

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Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.60	26.00	0.6210591	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	29.20	26.00	0.9114412	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.00	26.00	0.5810423	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Date: \_\_September 17, 2022\_\_  
 Evaporative Family: \_\_CDPCM24572VD\_\_

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m²)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.00	26.00	0.6812387	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28.00	26.20	0.636004	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.00	26.60	0.6809779	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Date: \_\_September 17, 2022\_\_  
 Evaporative Family: \_\_CDPCM24572VD\_\_

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m²)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28.50	26.70	0.6653	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	29.50	26.80	0.6871229	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.00	27.00	0.6484986	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Date: \_\_September 17, 2022\_\_  
 Evaporative Family: \_\_CDPCM24572VD\_\_

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.00	27.00	0.7853416	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.20	27.00	0.7268384	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.30	27.10	0.6565911	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.50	28.00	0.7289121	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.00	28.00	0.7693866	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.00	28.00	0.6849848	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)



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 Evaporative Family: \_\_CDPCM24572VD\_\_\_\_

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m²)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	29.00	28.00	0.6824623	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.50	28.50	0.644093	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.00	29.00	0.7034123	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Date: \_\_September 17, 2022\_\_  
 Evaporative Family: \_\_CDPCM24572VD\_\_

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.00	29.00	0.605	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.00	29.00	0.71	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.00	29.00	0.71	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.50	29.50	0.6717573	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.00	30.00	0.8144898	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	33.00	30.00	0.6453112	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	33.00	30.00	0.8726017	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.50	30.00	0.7382073	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.00	30.00	0.4661182	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.00	30.00	0.7475496	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.00	30.00	0.6831765	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.30	30.00	0.7750764	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.00	30.00	0.668076	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.00	31.00	0.873099	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.00	32.00	0.8023898	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.00	32.40	0.7245758	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	37.12	33.40	0.7493492	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	37.00	34.00	0.7486928	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	36.00	34.00	0.7509564	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.80	35.00	0.811377	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	37.00	35.00	0.764957	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	38.20	35.10	0.674122	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	41.80	35.40	0.6831765	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	38.00	36.00	0.8594823	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	40.50	37.00	0.8329514	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	41.50	37.40	0.777723	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	39.00	37.50	0.8208095	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	42.00	38.00	0.9298765	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	39.80	38.00	0.7855	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	43.00	38.20	0.7029328	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	40.00	39.00	0.758336	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	46.00	40.00	0.9466057	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	42.00	41.00	0.748	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	42.50	41.00	0.8429741	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	45.00	43.00	0.9424099	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	47.00	43.00	0.973788	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	48.00	44.00	0.479881	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-050	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	5.30	5.00	0.186359	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	5.70	5.20	0.185719	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	5.70	5.20	0.185719	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	5.80	5.40	0.18393	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.00	5.40	0.19333	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.10	5.50	0.199093	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.80	5.90	0.185719	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.50	5.94	0.199982	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.60	5.97	0.21074	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.00	6.00	0.3450619	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.50	6.00	0.299882	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)



Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.50	6.00	0.28698	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.50	6.00	0.27641	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.00	6.00	0.277075	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.00	6.00	0.281741	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.60	6.00	0.21074	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.60	6.20	0.196849	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	6.80	6.20	0.20599	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	7.80	6.20	0.20599	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	22.00	19.00	0.5634133	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	21.54	19.00	0.563413	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	21.52	19.00	0.525087	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-024(6.71L) Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	22.00	19.00	0.534128	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	25.00	20.00	0.5927657	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-012A(7.4L) Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	25.00	20.00	0.571055	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-013(8.27L) Q-22-022(8.55L) Q-22-037(11.4L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	22.00	20.00	0.535449	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	24.00	20.00	0.620269	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	24.00	21.00	0.630269	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.70	25.00	0.689625	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.00	25.00	0.689015	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.00	25.00	0.691645	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	31.00	25.00	0.691358	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.22	25.00	0.66326	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.86	25.00	0.669143	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	30.00	25.00	0.71578	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28.64	25.00	0.666663	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28.00	25.00	0.659542	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	32.08	25.00	0.61737	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	28.00	25.00	0.684071	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	27.00	26.00	0.7382072	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-017(26.46L) Q-18-015A(26.5L) Q-22-018(29.77L) Q-22-023(30L) Q-22-029(30.1L) Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Date: \_\_September 17, 2022\_\_  
 Evaporative Family: \_\_CDPCM24572VD\_\_

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.07	30.00	0.728465	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.40	30.00	0.714246	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.27	30.00	0.733123	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	35.00	30.00	0.760549	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.05	30.00	0.7382073	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)



Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.00	30.00	0.685284	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-016A(31L) Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	33.50	31.00	0.70273	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	33.60	31.00	0.698611	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.00	32.00	0.7245758	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	34.00	32.00	0.802389	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	36.00	32.00	0.8455580	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-019(33.4L) Q-22-030(34.15L) Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	41.18	36.00	0.8587977	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	41.70	36.00	0.8787817	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	42.85	36.00	0.8504900	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	40.00	36.00	0.876866	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	40.00	36.00	0.855832	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)

Date: September 17, 2022  
 Evaporative Family: CDPCM24572VD

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	42.00	38.00	0.9298765	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	40.50	38.00	0.8329514	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-22-047(38.62L) Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	45.00	40.00	0.9335648	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	43.00	40.00	1.012504	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)
	DHLG450i, DH450iB, FE450iB, DHLG420i, DH420iB, FE420iB, DHLG457i, DH457iB, FE457iB		X	II	CARB	43.60	40.00	0.8425	Multilayer	L=(220+300+170)±75 L=(100+350+85)±75	4.5±0.5 or greater; 4.0±0.5 or greater	PCDPS.4572VD	Q-22-054	Q-22-032 Q-22-033 Q-18-031B Q-18-030B	Q-18-017A(51L) Q-22-020(51.09L) Q-22-026(50.24L)