

Pursuant to the authority vested in the California Air Resources Board by 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: The engines and emission control systems produced by the manufacturer as described below are certified for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

Model Year	Engine Family	Combustion Cycle	Fuel Operation	Fuel Type(s)	Engine Operation
2024	RDICL03.4LEB	Diesel	Dedicated	Diesel	Variable and Constant Speed

Emission Control Systems	Special Features
[1]: Exhaust Gas Recirculation (EGR), Diesel Oxidation Catalyst (DOC), Electronic Direct Injection (DFI), Turbocharger (TC), Charge Air Cooler (CAC), Electronic Control Module (ECM)	None

The certified engine models are attached.

The listed engine models comply with the following: 1) emission standard limits (STD) and Not-To-Exceed (NTE) limits, as applicable, for criteria pollutants non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM), and for smoke opacity as demonstrated during the Acceleration (ACL) and Lugging (LUG) modes, and the peak value (PEAK) in either mode of the Smoke Opacity cycle, as set forth in 13 CCR 2423 and the applicable California test procedures for off-road compression-ignition engines, and 2) family emission limits (FEL) declared by the manufacturer as allowed by the applicable California test procedures, stated in units of gram per kilowatt-hour (g/kW-hr) and percent opacity (%opacity), respectively, except as noted, or designated as not applicable (*).

Applicable Standard		Criteria			Smoke Opacity		
		NMHC+NOx	CO	PM	ACL	LUG	PEAK
Tier 4 Final 37 ≤ kW < 56	STD	4.7	5.0	0.03	*	*	*
	FEL	*	*	*	*	*	*
	NTE	5.9	6.2	0.04	*	*	*

BE IT FURTHER RESOLVED: Any declared FEL is the emission limit to which all engines must comply in lieu of the standard limit for certification purposes, subject to the restrictions of averaging, banking, or trading (ABT) programs allowed by the applicable California test procedures.

BE IT FURTHER RESOLVED: For the listed engine models, the manufacturer has submitted materials to demonstrate certification compliance with 13 CCR 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control warranty).

BE IT FURTHER RESOLVED: The listed engine models may only be installed in or on equipment such that engine operation is consistent with off-road compression-ignition engines as defined in 13 CCR 2421(a)(39).

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

Executed on this 14th day of December 2023.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

ATTACHMENT: ENGINE MODELS

Family: RDICL03.4LEB EO Number: U-R-019-0217 Date Applicable: 12/04/2023

Model	Code	Trim	Config	Displacement	Peak Power			Peak Torque			ECS Num	GHG	Notes
					Power	Speed	Fueling	Torque	Speed	Fueling			
-	-	-	-	L	kW	rpm	mm3/stroke	N-m	rpm	mm3/stroke	-	-	-
DL03-LEL04	D34NAP	N/A	I4	3.409	55.3	2400	57.4	330	1400	73.3	1	N/A	N/A
DL03-LEF04	D34NAP	N/A	I4	3.409	55	2300	57.3	330	1400	72.5	1	N/A	N/A
DL03-LEF08	D34NAP	N/A	I4	3.409	55	2300	57.3	330	1400	72.5	1	N/A	N/A
DL03-LEV00	D34NAP	N/A	I4	3.409	55.3	2400	57.4	325	1400	73.2	1	N/A	N/A
DL03-LEF10	D34NAP	N/A	I4	3.409	55	2300	57.3	330	1400	72.5	1	N/A	N/A
DL03-LER00	D34NAP	N/A	I4	3.409	55.3	2400	57.4	325	1400	73.2	1	N/A	N/A
DM03-LEV00	DM03P	N/A	I4	3.409	55.3	2400	50.6	330	1400	72.4	1	N/A	N/A
DM03-LEP04	DM03P	N/A	I4	3.409	55.4	2600	48.2	330	1400	72.4	1	N/A	N/A
DM03-LEF00	DM03P	N/A	I4	3.409	55.4	2300	51.9	330	1400	72.4	1	N/A	N/A
DM03-LEF01	DM03P	N/A	I4	3.409	55.4	2300	51.9	330	1400	72.4	1	N/A	N/A
DM03-LEG04	DM03PG	55.4 kW	I4	3.409	55.4	1800	65.2	293.9	1800	65.2	1	N/A	N/A
DM03-LEG04	DM03PG	51.4 kW	I4	3.409	51.4	1500	72.9	327	1500	72.9	1	N/A	N/A
DM03-LEF06	DM03P	N/A	I4	3.409	55.4	2300	51.9	330	1400	72.4	1	N/A	N/A
DN03-LEF00	DN03P	N/A	I4	3.409	55.4	2300	51.9	330	1400	72.4	1	N/A	N/A
DN03-LEF01	DN03P	N/A	I4	3.409	55.4	2300	51.9	330	1400	72.4	1	N/A	N/A