

ENGINE DISTRIBUTORS, INC.

EXECUTIVE ORDER U-L-034-0046 New Off-Road Large Spark-Ignition Engines Above 19 Kilowatts

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-14-012:

IT IS ORDERED AND RESOLVED: That the following new large spark-ignition engines and emission control systems produced by the manufacturer are certified for use in off-road equipment as described below. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY NAME	ENGINE DISPLACEMENT (liters)	FUEL TYPE		
2019	KEDIB06.8WSG	6.8	Gasoline, LPG, CNG, Gasoline-LPG Dual Fuel, CNG-LPG Dual Fuel		
_ +		IAL FEATURES & I CONTROL SYSTEMS	TYPICAL EQUIPMENT USAGE		
5000	Heate Seguential Mu	ay Catalytic Converter, ed Oxygen Sensor, ultiport Fuel Injection (Gas), Fuel Mixer (LPG, CNG)	Forklift, Pump, Tractor/Tug, Other Industrial Equipment		
	INE MODELS ver in kilowatt, kW)	Se	e Attachment		

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) exhaust certification emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2433(b)(1)) and certification emission levels for this engine family in grams per kilowatt-hour (g/kW-hr). Engines within this engine family shall have closed crankcases in conformance with 13 CCR Section 2433(b)(3).

(g/kW-hr)	HC+NOx	со		
Exhaust Standards	0.8	20.6		
Certification Levels	0.4	3.9		

The following is the evaporative hydrocarbon emission standard (13 CCR Section 2433(b)(4)) and certification emission level for this engine family in grams per gallon of fuel tank capacity (g/gallon).

Evaporative Certification Method	HC Certification Level (g/gallon)	HC Certification Standard (g/gallon)		
Design Based	N/A	0.2		

BE IT FURTHER RESOLVED: That for the listed engines for the aforementioned model-year, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2433(c) (certification and test procedures), 13 CCR Section 2434 (emission control labels), and 13 CCR Sections 2435 and 2436 (emission control system warranty).

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

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

Executed at El Monte, California on this _____/ day of November 2018.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Attachment 1 of 1

Model Year:	2019	Page:5of 13
Manufacturer Name:	Engine Distributors, Inc. (EDI)	Issued:08/07/2018
Engine Family:	KEDIB06.8WSG	Revised:
OFF-ROAD LSI ENGINE	SUPPLEMENTAL INFORMATION	E.O.#: 11-L-034-0046

S12. MODEL	SUMMARY	(Use an asterisk (*) to id	entify w orst-case en	gine model used for cer	rtification testing.)
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S13.	S14.		S15.		S16.	S17.	S18.	S19.	S20.
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Engine Model	Engine	(Check ALL appropriate)		Eng.	Rated	Rated	Peak	Peak	
	Code			Displ.	Power	Speed	Torque	Torque	
				Ī.	(Liters)	(kW)	(RPM)	(N-m)	Speed
		Calif.	49-	50-					(RPM)
		Only	State	State					
	Ford PP	,			<u> </u>				
WSG1068-LP	6.8L			X	6.8L	170.7	3200	509.2	3200
	Ford PP								-
WSG1068-NG	6.8L			X	6.8L	149	3200	444.7	3200
	Ford PP								
WSG1068-Gas	6.8L			X	6.8L	136.9	3200	408.2	3200
	Ford PP					10011			
WSG1068-DF	6.8L			X	6.8L	170.7	3200	509.2	3200
W004000 LD	<u></u>								
WSG1068-LP	Ford PP			Х	6.8L	170.4	3200	509.2	3200
Vapor	6.8L				0.02	170.4	0200		0200
WSG1068-	Ford PP			X	6.8L	149	3200	444.7	3200
NGS	6.8L				V.U.	140		7777	0200
WSG1068-	Ford PP			x	6.8L	170.7	3200	509	3200
DFNGLPV	6.8L				U.OL	170.7	3200	303	3200
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