California Environmental Protection Agency Air Resources Board

KOHLER COMPANY

EXECUTIVE ORDER U-L-021-0046 New Off-Road Large Spark-Ignition Engines Above 19 Kilowatts

Pursuant to the authority vested in the 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	ENG	GINE FAMILY NAME	ENGINE DISPLACEMENT (liters)	ENGINE CLA	ASS FUEL TYPE		
2016 GKHXB.7472PE		0.747	≤ 825 cc				
DURABILITY HOURS		SPEC	CIAL FEATURES & N CONTROL SYSTEM	s	TYPICAL EQUIPMENT USAGE		
1000		Multiport Fuel Injection, Oxygen Sensor			Tractor and Other Industrial Equipment		
ENGINE MODEL (rated pov in kilowa kW)	E .S wer			EZT750 (19.8)	KW)		

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	co
Standards	8.0	549
Certification Levels	6.5	283

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(d) (certification and test procedures), 13 CCR Section 2404 (emission control labels), and 13 CCR Sections 2405 and 2406 (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 August 2015.

Annette Hebert, Chief

- Emissions Compliance, Automotive Regulations and Science Division

Model Year: _2016	Page: _6
Manufacturer Name: _Kohler Co	Issued:
Engine Family: _GKHXB.7472PE	Revised:
OFF-ROAD LSI ENGINE SUPPLEMENTAL INFORMATION	E.O.#: U-L-021-0646

S12. MODEL SUMMARY (Use an asterisk (*) to identify worst-case engine model used for certification testing.)

S13.	S14.		S15.		S16.	S17.	S18.	S19.	S20.
515.	014.	Sales Codes		310.	317.	310.	313.	320.	
Engine	Engine	(Check ALL		Eng.	Rated	Rated	Peak	Peak	
Model	Code	ar	propriat	te)	Displ.	Power	Speed	Torque	Torque
		Calif.	49-	50-	(Liters)	(kW)	(RPM)	(FT-LB)	Speed (RPM)
		Only	State	State					(,)
EZT750				х	0.747	19.8	3600	55.4	2800
				<u> </u>	0.747	13.0	3000	33.4	2000
							Y		
						7			
								l	