

Pursuant to the authority vested in California Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-14-012;

**IT IS ORDERED AND RESOLVED:** That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below 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	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2019	KSCLL03.6R74	2.6, 2.7, 3.6	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Electronic Control Module, Electronic Direct Injection, Smoke Puff Limiter, Exhaust Gas Recirculation, Turbocharger, Charge Air Cooler, Diesel Oxidation Catalyst			Tractor	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NO<sub>x</sub>), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NO<sub>x</sub>), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			NMHC	NO <sub>x</sub>	NMHC+NO <sub>x</sub>	CO	PM	ACCEL	LUG	PEAK
19 ≤ kW < 56	Tier 4 Final	OPTIONAL STD	N/A	N/A	4.7	5.0	0.03	N/A	N/A	N/A
		CERT	--	--	4.5	0.3	0.03	--	--	--

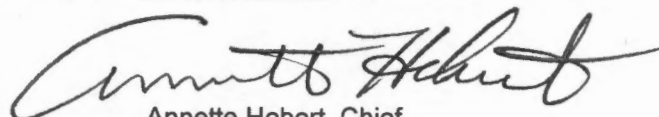
**BE IT FURTHER RESOLVED:** That for the listed engine models, the manufacturer has complied with the more stringent set of standards from the various power categories in conformance with Section 1039.230 (e) of the "California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression Ignition Engines, Part I-D" adopted October 20, 2005 and last amended October 25, 2012.

**BE IT FURTHER RESOLVED:** That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (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 26 day of December 2018.



Annette Hebert, Chief  
 Emissions Compliance, Automotive Regulations and Science Division

12-26-2018

EQ#:U-R-064-0006

**Engine Model Summary Template**

Attachment: Page 1 of 1

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm <sup>3</sup> /stroke @ peak HP (for diesel only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm <sup>3</sup> /stroke@peak torque	9.Emission Control Device Per SAE J1930
KSCLL03.6R74	SJV326CR	7085	74@2000	76 @ 2000	231.6@1500	88.8 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7129	65@2000	66.9 @ 2000	197.7@1500	74.7 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7131	55@2000	57.9 @ 2000	170.4@1500	65.2 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7116	74@2000	76 @ 2000	231.6@1500	88.8 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7147	74@2000	76 @ 2000	231.6@1500	88.8 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7130	65@2000	66.9 @ 2000	197.7@1500	74.7 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7132	55@2000	57.9 @ 2000	170.4@1500	65.2 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7187	45@2000	48.9 @ 2000	135.7@1500	52.9 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7188	45@2000	48.9 @ 2000	135.7@1500	52.9 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7198	74@2000	76 @ 2000	231.6@1500	88.8 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV326CR	7270	40@2000	43.3 @ 2000	118.0@1500	46.4 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV327CR	7183	60@2000	67.3 @ 2000	177.8@1500	72 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV327CR	7184	55@2000	60 @ 2000	166.7@1500	65.9 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV327CR	7216	50@2000	55.3 @ 2000	153.4@1500	61.6 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV327CR	7216	45@2000	48.9 @ 2000	118.7@1500	47.8 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV327CR	7220	40@2000	46.6 @ 2000	112.8@1500	45.8 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV436CR	7203	74@2000	63 @ 2000	230.1@1500	69 @ 1500	ECM,DOC,DDI,EGR,TC,CAC
KSCLL03.6R74	SJV436CR	7217	65@2000	55 @ 2000	202.8@1500	61 @ 1500	ECM,DOC,DDI,EGR,TC,CAC