



KOMATSU E015W40-LA DIESEL ENGINE OIL

Komatsu E015W40-LA is a high quality semi-synthetic diesel engine oil, designed specifically for heavy-duty off-road equipment. It meets the API CK-4 spec and additionally goes beyond it to meet the requirements of large off-road engines (15 liter and larger) commonly seen in construction and mining applications. Komatsu E015W40-LA is a low-ash oil and can be used in any brand of equipment that requires a 15W-40 CK-4, CJ-4, CI-4, or ECF-3 engine oil. Komatsu E015W40-LA can be used in old engines (Tier III and older) as well as new engines (Tier IV), including engines with aftertreatment components like DPF and SCR.

Unlike many other 15W-40 engine oils on the market, Komatsu E015W40-LA is made from semi-synthetic fluid to give better performance compared to conventional 15W-40 oils.

Komatsu E015W40-LA has outstanding resistance to oxidation and deposit formation, which helps the engine maintain its original horsepower and fuel efficiency ratings. Komatsu E015W40-LA is designed to protect even the hottest components in off-road engines, such as turbocharger bearings, piston rings, top lands, and more. The oil also quickly sheds air bubbles, which is especially important when equipment operates on extreme grades, as air can be drawn into the oil pump suction line. Komatsu E015W40-LA has been shown to maintain its viscosity even under extended oil drain conditions – neither shearing out of grade, nor thickening above grade in the presence of soot.

Because of its outstanding performance properties, Komatsu E015W40-LA can also be used in many other diesel applications, such as stationary generators, fire water pump drives, over-the-road trucks, and any other application where a CK-4 15W-40 is suitable for use. Be sure to always consult the OEM manual to comply with fluid selection and maintenance requirements.

Properties	Tests	Typical Values
SAE Viscosity Grade	SAE J300	15W-40
Kinematic Viscosity @ 40 °C	ASTM D445	109 - 113 cSt
Kinematic Viscosity @ 100 °C	ASTM D445	14.2 - 15.2 cSt
Dynamic Viscosity @ -20 °C	ASTM D5293	Less than 6300 cP
Viscosity Index	ASTM D2270	135 - 140
Total Base Number	ASTM D2896	10.0 mg KOH/g
Sulfated Ash	ASTM D874	1.00%
Flash Point (COC)	ASTM D92	230 °C
Pour Point	ASTM D97	-39 °C
Color	Visual	Clear Amber

The table above represents typical values for new oil. Minor "batch to batch" variability is to be expected as part of the normal manufacturing process.

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