

KOMATSU[®]

Product data

Forestry Quality™

EO 15W-40

Multigrade Heavy Duty Diesel Engine Oil

- *Low Emissions*
- *Extra Life - Improved Protection*

EO 15W-40 Energised Protection oils use the latest "Low-SAPS" additive technology to protect under the most severe conditions found in modern low emission engines. The protective power of the oil is enhanced through the use of high purity "Group II" base oils that provide increased additive activity. It delivers significant improvements in wear protection, deposit control and resistance to breakdown under high temperatures. The exclusive low-ash formulation helps protect the exhaust catalysts and particulate traps found on the latest low emission vehicles. Recommended by a wide range of OEMs, suitable for both the latest low-emissions (Euro 4,5, US 2007) and older model equipment.

Performance, Features & Benefits

Emissions system capability

Advanced low-ash formulation helps control blocking of or poisoning of exhaust after-treatment devices, helping maintain vehicle emission compliance and engine fuel efficiency.

Lower operating costs

EO 15W-40 is formulated with an enhanced acid-control system to help fleet operators to achieve maximum drain flexibility.

Outstanding wear protection

Demonstrated over millions of km of customer service, EO 15W-40 provides significantly higher levels of wear protection than previous generation oils to prolong engine efficiency and life.

Main Applications

Severe duty heavy duty diesel engines

EO 15W-40 is a high performance 15W-40 HD oil providing outstanding protection for virtually all engines including the latest Euro 5 and US 2007 as well as older units.

Off-highway applications

Suitable for use in agricultural and construction applications, even with high levels of fuel sulphur.

Specifications, Approvals & Recommendations

- Caterpillar: ECF-2, ECF-3
- Cummins: CES 20081, 77, 72, 71
- DDC: 93K218
- Deutz: DQC III-10 LA
- MACK: EO-O Premium Plus
- MAN: 3575
- MB Approval: 228.31
- MTU: Category 2.1
- Renault Trucks: RLD-3
- Scania: Low Ash
- JASO: DH-2
- IVECO: T2 E7 (Meets specification)
- Volvo: VDS-4, VDS-3
- API: CJ-4, CI-4+, CI-4, CH-4, CG-4, CF-4, CF.
- ACEA: E9, E7

Typical Physical Characteristics

Properties	Method	EO 15W-40
Viscosity Grade		15W-40
Kinematic Viscosity @40°C mm ² /s	ASTM D445	118
Kinematic Viscosity @100°C mm ² /s	ASTM D445	15.5
Viscosity Index	ASTM D2270	139
Density @15°C kg/l	ASTM D4052	0.883
Sulphated Ash %	ASTM D874	1.0 max
Total Base Number mg KOH/g	ASTM D2896	10.6
Flash Point (COC) °C	ASTM D92	227
Pour Point °C	ASTM D97	-33

These characteristics are typical of current production, variations in these characteristics may occur.

Health, Safety & Environment

Health and Safety

EO 15W-40 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on Health and Safety is available on the appropriate Safety Data Sheet

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