Eni i-Sigma top MS 15W-40

APPLICATIONS

Eni i-Sigma top MS 15W-40 is a synthetic technology multigrade oil suitable for use in recent models of heavy-duty diesel vehicles, designed to operate with ultra-low sulphur diesel and equipped with after-treatment devices, also under severe operating conditions. It allows extended oil drain intervals according to engine manufacturers' requirements.

CUSTOMER ADVANTAGES

- **Eni i-Sigma top MS 15W-40** is formulated with low sulphur base oils and an innovative additive technology that ensures the achievement of oil change intervals prescribed by manufacturers with large safety margin.
- Its detergent and dispersant properties keep all parts of the engine clean and hold in suspension the combustion products preventing harmful deposits formation.
- Its excellent antioxidant, anticorrosion and antiwear properties protect the engine ensuring maximum efficiency during its life also in high operating temperature.

SPECIFICATIONS

- ACEA E7, E11
- ACEA E9
- API CK-4
- API CJ-4/SN
- Allison TES 439
- Caterpillar ECF-1a, ECF-2, ECF-3
- Cummins CES 20086
- Detroit Diesel 93K222
- Ford WSS-M2C171-F1
- JASO DH-2-15
- MAN meets M 3575
- Deutz DQC III-18 LA (Approved)
- DTFR 15C100

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- MACK EO-S-4.5 (Approved)
- MAN M 3775 (Approved)
- MTU type 2.1 (Approved)
- Renault VI RLD-3 (Approved)
- Volvo VDS-4.5 (Approved)

CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m³	875
Viscosity at 100°C	ASTM D 445	mm²/s	14.8
Viscosity at 40°C	ASTM D 445	mm²/s	111
Viscosity Index	ASTM D 2270	-	138
Viscosity at -20°C	ASTM D 5293	mPa·s	5470
Pour point	ASTM D 5950	°C	-45
Flash point COC	ASTM D 92	°C	234
B. N.	ASTM D 2896	mg KOH/g	9.7