

Eni i-Sigma top MS 15W-40



APPLICATIONS

Eni i-Sigma top MS 15W-40 is a 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 & APPROVALS

- Detroit Diesel 93K218
- MACK EO-O Premium Plus
- MAN M 3575
- Volvo VDS-4
- API CJ-4/SN
- ACEA E7, E9
- MB-Approval 228.31
- Caterpillar ECF-1a, ECF-2, ECF-3
- Cummins CES 20076, 20077, 20081
- Deutz DQC III-10 LA
- MTU type 2.1
- Renault RVI RLD-3



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CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Density at 15°C	ASTM D 4052	kg/m ³	875
Viscosity at 100°C	ASTM D 445	mm ² /s	15.9
Viscosity at 40°C	ASTM D 445	mm ² /s	121
Viscosity Index	ASTM D 2270	-	141
Viscosity at -20°C	ASTM D 5293	mPa·s	5592
Flash point (COC)	ASTM D 92	°C	230
Pour point	ASTM D 97	°C	-27
B. N.	ASTM D 2896	mg KOH/g	9.8

