

Eni i-Sigma top MS 10W-40



APPLICATIONS

Eni i-Sigma top MS 10W-40 is a high-performance fuel efficiency engine oil based on synthetic technology. It is suitable for use heavy duty diesel engines of: trucks, buses, commercial vehicles, tractors and construction equipment, equipped with exhaust after treatment devices operating under severe conditions with extended drain intervals.

It can be used also in stationary diesel engines and heavy-duty natural gas vehicles.

CUSTOMER ADVANTAGES

- **Eni i-Sigma top MS 10W-40** is an advanced heavy-duty diesel engine lubricant incorporating the latest additive chemistry to meet and exceed current global and OEMs specifications. It is a low SAPS (Sulphated Ash, Phosphorus, Sulphur) oil which reduces harmful deposits to protect and prolong the life of modern emission control systems.
- It has fuel saving properties which allow a reduction in fuel consumption compared to traditional lubricants. It offers an excellent protection against rust and wear, minimum evaporation losses and a good detergency properties that maximize engine performance and extend the engine life.

SPECIFICATIONS

- ACEA E6, E7, E9
- API CK-4
- Caterpillar ECF-2, ECF-3
- Cummins CES 20081
- Detroit Diesel 93K218
- Deutz DQC IV-10 LA
- JASO DH-2-17
- MAN M 3271-1
- MACK EO-O PP (Approved)
- MAN M 3477 (Approved)
- MB-Approval 228.51



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- MTU type 3.1 (Approved)
- Renault VI RLD-3 (Approved)
- Scania Low Ash (Feedback)
- Volvo VDS-4 (Approved)

CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	857
Viscosity at 100°C	ASTM D 445	mm ² /s	14.9
Viscosity at 40°C	ASTM D 445	mm ² /s	98
Viscosity Index	ASTM D 2270	-	159
Viscosity at -25°C	ASTM D 5293	mPa·s	5369
Pour point	ASTM D 5950	°C	-36
Flash point COC	ASTM D 92	°C	224
B. N.	ASTM D 2896	mg KOH/g	10.1



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