

# 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 in commercial diesel vehicles equipped with exhaust after treatment systems 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 - APPROVALS

- Scania Low Ash
- Deutz DQC IV-10 LA
- ACEA E4, E6, E7, E9
- API CJ-4
- Caterpillar ECF-3
- Cummins CES 20081
- Detroit Diesel 93K218
- MACK EO-O PP
- MAN M 3271-1, M 3477, M 3575
- MB-Approval 228.51
- Renault RVI RLD-3
- Volvo VDS-4



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- MTU type 3.1
- JASO DH-2-17

## CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	860
Viscosity at 100°C	ASTM D 445	mm <sup>2</sup> /s	14.4
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	86
Viscosity Index	ASTM D 2270	-	150
Viscosity at -25°C	ASTM D 5293	mPa·s	6800
Flash point (COC)	ASTM D 92	°C	230
Pour point	ASTM D 97	°C	-36
B. N.	ASTM D 2896	mg KOH/g	12.5

