



# eni i-Sigma top 10W-40

**eni i-Sigma top 10W-40** is a fuel saving multigrade oil U.H.P.D. (Ultra High Performance Diesel Oil) formulated with synthetic technology, for supercharged diesel engines operating under severe duty. Its formulation allows the longest oil drain intervals admitted. It is indicated for most manufacturers in particular for Scania engines. It can also be used in normally-aspirated diesel engines installed in vehicles engaged on urban and short-haul goods and passenger service, as well as in supercharged diesel car engines, providing a very quality margin.



## CHARACTERISTICS (TYPICAL FIGURES)

SAE Grade	10W-40	
Density at 15 °C	kg/m <sup>3</sup>	870
Viscosity at 100 °C	mm <sup>2</sup> /s	13.1
Viscosity at 40 °C	mm <sup>2</sup> /s	86
Viscosity at -25 °C	mPa·s	6400
Viscosity Index	-	150
Flash Point	°C	230
Pour Point	°C	-39

## PROPERTIES AND PERFORMANCE

- The superior quality of the base oils used in **eni i-Sigma top 10W-40** and the large percentage of additives adopted permit very long life between oil drains.
- SAE 10W-40 gradation lets **eni i-Sigma top 10W-40** suitable for any weather condition allowing easy cold starting.
- Its detergent-dispersant properties, combined with its very high, long-lasting ability to neutralize acidic products of combustion, keep pistons exceptionally clean, while solid combustion products are held in suspension, thus preventing the formation of harmful crankcase deposits.
- **eni i-Sigma top 10W-40** exhibits marked resistance to deterioration, especially from oxidation which can be caused by prolonged high-temperature operation in presence of air and other agents. Its antioxidant, antirust and antiwear properties are designed for heavy duty service and to ensure very long oil-drain intervals. Oxidation is effectively minimized, thus preventing viscosity variations. All the metal parts of the engine are protected in this way and wear is reduced, ensuring maximum engine efficiency throughout its life.



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## SPECIFICATIONS

**eni i-Sigma top 10W-40** is officially approved or meets the requirements of the following service specifications:

- API CF
- ACEA E4, E7
- MB Approval 228.5
- MAN M 3277
- MTU Typ 3
- SCANIA LDF-3
- Volvo VDS-3
- Renault RXD
- DAF Extended Drain
- DEUTZ DQC III-10
- Cummins 20072
- Voith Class A
- ZF TE-ML 04C