



# eni i-Sigma universal 10W-40

**eni i-Sigma universal 10W-40** is a long-drain fuel saving multigrade oil with synthetic technology for supercharged diesel engines operating under severe duty. 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.

## CHARACTERISTICS (TYPICAL FIGURES)

SAE Grade		10W-40
Density at 15°C	kg/m <sup>3</sup>	880
Viscosity at 40°C	mm <sup>2</sup> /s	98.5
Viscosity at 100°C	mm <sup>2</sup> /s	15.2
Viscosity at -25°C	mPa.s	6500
Viscosity Index	-	140
Flash Point COC	°C	230
Pour Point	°C	-33

## PROPERTIES AND PERFORMANCE

- The superior quality of the base oil used in **eni i-Sigma universal 10W-40** and of the additives adopted permit very long life between oil drains.
- 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.
- Its antioxidant, antirust and antiwear properties are designed for heavy duty service and to ensure very long oil-drain intervals. The product exhibits marked resistance to deterioration, especially from oxidation which can be caused by prolonged high temperature operation in presence of air and other agents. Oxidation is effectively minimized, thus preventing also 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.

## SPECIFICATIONS

**eni i-Sigma universal 10W-40** is officially approved or meets the requirements of the following services and specifications:

- API CI-4
- ACEA E7, A3/B3/B4
- MB Approval 228.3, 229.1
- MAN M 3275
- MTU type 2
- VOLVO VDS3
- Renault RLD-2
- Jaso DH-1

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- Global DHD-1
- Cummins 20077/78
- Mack EO-M+