



eni i-Sigma performance E7 15W-40

eni i-Sigma performance E7 15W-40 is a long-drain multigrade oil for diesel engines operating under severe duty. The oil can also be used in diesel engines installed in vehicles engaged on urban and short-haul goods and passenger service, providing a very wide quality margin.

Characteristics (typical figures):

eni i-Sigma performance E7	Unit	15W-40
Density at 15 °C	kg/m ³	880
Viscosity at 100 °C	mm ² /s	13,9
Viscosity at 40 °C	mm ² /s	102
Viscosity at -20 °C	mPa.s	6700
Viscosity Index	-	138
Flash Point COC	°C	230
Pour Point	°C	-24
TBN	Mg KOH/g	9,2

Properties and Performance:

- The superior quality of the base stock and the large percentage of additives used permit very long life between oil drains.
- The detergent-dispersant properties of **eni i-Sigma performance E7 15W-40** are confirmed by the compliance with the severe requirements of ACEA E7/E5 and API CI-4/CH-4 specifications. Pistons are kept exceptionally clean while solid combustion products are held in suspension, thus preventing the formation of harmful deposits.
- **eni i-Sigma performance E7 15W-40** exhibits marked resistance to deterioration, especially from oxidation which can be caused by prolonged high-temperature operation in the 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.

International specifications:

- ACEA E7, E5, E3, B3
- API CI-4/CH-4/SL
- Caterpillar ECF-1a, ECF-2

Specifications:

- MB approval 228.3
- MAN M 3275-1
- MTU Type 2
- DEUTZ DQC III-10
- VOLVO VDS-3
- Renault RLD-2, Mack EO-N