



eni i-Sigma performance E3 20W-50

eni i-Sigma performance E3 20W-50 is a long-drain multigrade oil (S.H.P.D.) for supercharged diesel engines operating under severe duty. The oil 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 wide quality margin. It permits long oil drain intervals.

Characteristics (typical figures)

SAE Grade		20W-50
Density at 15°C	kg/m ³	880
Viscosity at 100°C	mm ² /s	18.5
Viscosity at 40°C	mm ² /s	180
Viscosity at -15°C	mPa.s	6800
Viscosity Index	-	130
Flash Point COC	°C	250
Pour Point	°C	-27

PROPERTIES AND PERFORMANCE

- The superior quality of the base stock used in **eni i-Sigma performance E3 20W-50** and the large percentage of 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.
- **eni i-Sigma performance E3 20W-50** 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 anti-wear 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.

SPECIFICATIONS

eni i-Sigma performance E3 20W-50 meets the requirements of the following service specifications:

- API Service CH-4/SJ
- ACEA E3, B3
- MB 228.1
- MAN M 3275
- MTU type 2
- RVI RD