Eni i-Sigma performance E3 15W-40

APPLICATIONS

Eni i-Sigma performance E3 15W-40 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.

CUSTOMER ADVANTAGES

- The high quality of the bases and the high percentage of additives used make it possible to considerably extend the service period.
- 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 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.
- The particular selection and quality of the raw materials used in the product formulation ensure high thermal stress resistance.
- It has a high viscosity index that allows it to be used in a wide range of temperatures.

SPECIFICATIONS - APPROVALS

- MTU type 2
- MAN M 3275-1
- MB 228.1
- ACEA E3
- API CG-4

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CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m³	877
Viscosity at 100°C	ASTM D 445	mm²/s	14.4
Viscosity at 40°C	ASTM D 445	mm²/s	107
Viscosity Index	ASTM D 2270	-	140
Viscosity at -20°C	ASTM D 5293	mPa·s	6500
Flash point (COC)	ASTM D 92	°C	230
Pour point	ASTM D 97	°C	-27