

Eni i-Sigma monograde SAE 50



APPLICATIONS

Eni i-Sigma monograde SAE 50 is a lubricant for naturally aspirated and supercharged Diesel engines operating under severe service conditions or subject to excessive deposits and/or wear due to the design characteristics or the fuel used.

CUSTOMER ADVANTAGES

- It has good detergent properties that allow it to effectively oppose to the deposit formation keeping the segments free, the pistons clean and keeping in suspension the substances that tend to settle.
- This product is resistant to the deterioration of its characteristics and in particular to the alteration due to oxidative phenomena resulting from a prolonged stay in high temperature conditions and in the presence of air and other agents.
- Its special anti-corrosive properties ensure effective protection of the internal engine surfaces from the attack of moisture and acidic products that are formed during combustion.
- The anti-wear properties ensure a long service life for the moving parts, reducing the need for maintenance and engine overhaul.
- It is suitable for use in a wide range of temperature thanks to its high viscosity index.

SPECIFICATIONS

- API CF/SJ
- MIL-L-2104 D
- MIL-L-46152 C



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CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	894
Viscosity at 100°C	ASTM D 445	mm ² /s	19.6
Viscosity at 40°C	ASTM D 445	mm ² /s	231
Viscosity Index	ASTM D 2270	-	96
Flash point COC	ASTM D 92	°C	230
Pour point	ASTM D 5950	°C	-30
B.N.	ASTM D 2896	mg KOH/g	9.8

