



APPLICATIONS

Eni CLADIUM 400 S SAE 40 is a lubricant of the latest generation, developed for 4-stroke Diesel engines in marine and industrial sectors which, owing to the operating conditions and the high sulfur content of the fuel, require a high performance lubricant with 'anti black sludge' properties.

CUSTOMER ADVANTAGES

- The dispersant and detergent properties of the product allow an effective contrast the formation of sludge, lacquer and carbon deposits on the pistons and in the grooves, this aspect allows to avoid ring-sticking.
- **Eni CLADIUM 400 S SAE 40** is able to supply a strong neutralizing action against the corrosive wear due to the acidic products generated by the condensation of the combustion gases of high-sulfur fuel oil. This property is especially useful in those operating conditions when the cylinder wall temperature is low (promoting the condensation of acidic products), and in those engines with a low oil consumption.
- The raw materials used in the formulation give the product antiwear characteristics capable of ensuring the correct lubrication also for the final reduction gears of the main engines.
- The product has anti-foam properties that can reduce the formation of air bubbles. Its demulsive characteristics allows an easy separation of water by centrifugation.
- The qualities of **Eni CLADIUM 400 S SAE 40** are especially relevant for those modern engines with a low oil consumption. In these cases the oil renewal due to topping up is reduced and greater stress on the lubricant is induced.

SPECIFICATIONS - APPROVALS

- API CF





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	918
Viscosity at 100°C	ASTM D 445	mm ² /s	14.8
Viscosity at 40°C	ASTM D 445	mm ² /s	145
Viscosity Index	ASTM D 2270	-	102
Flash point (COC)	ASTM D 92	°C	220
Pour point	ASTM D 97	°C	-12
B. N.	ASTM D 2896	mg KOH/g	40

