



APPLICATIONS

Eni CLADIUM 300 S SAE 40 is a lubricant of the latest generation, developed for those 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

- **Eni CLADIUM 300 S SAE 40** is a lubricant with high detergent and dispersant properties, which can effectively inhibit the formation of sludges, lacquers and carbon deposits on high temperatures spots of pistons and in piston grooves, preventing ring-sticking.
- This product 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 all operating conditions that determine a low temperature of the cylinder liner (promoting the condensation of acidic products), and in those engines with a low oil consumption.
- The antiwear characteristics of this product ensure a correct lubrication also for the final reduction gears of the main engines.
- The antifoam qualities of **Eni CLADIUM 300 S SAE 40** avoid the formation of air bubbles, while the demulsivity ensure an easy separation by centrifugal of the contaminating water.
- The properties of this product are especially relevant for all modern engines with a low oil consumption, as this condition limits the renewal of fresh oil by refills, and creates a special stress for the lubricant charge.

SPECIFICATIONS - APPROVALS

- API CF





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	911
Viscosity at 100°C	ASTM D 445	mm ² /s	14.0
Viscosity at 40°C	ASTM D 445	mm ² /s	132
Viscosity Index	ASTM D 2270	-	103
Flash point (COC)	ASTM D 92	°C	220
Pour point	ASTM D 97	°C	-9
B. N.	ASTM D 2896	mg KOH/g	30

