



APPLICATIONS

Eni CLADIUM 300 SAE 40 is a lubricant formulated with high-quality base stocks, specifically developed for the lubrication needs of those 4-stroke Diesel engines that, owing to the operating conditions and the high sulfur content of the fuel, require a lubricant with a medium-high Base Number (BN).

CUSTOMER ADVANTAGES

- **Eni CLADIUM 300 SAE 40** is a lubricant with high detergent properties, which can effectively inhibit the formation of 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 effects of the acidic products generated by the condensation of the combustion gases in the engine. This property is especially useful in those operating conditions when the cylinder liner temperature is low (promoting the condensation of acidic products), and in the engines with a low oil consumption which use a fuel with a medium content of sulfur.
- The antiwear characteristics of the product ensure a correct lubrication also for the final reduction gears of the main engines.
- **Eni CLADIUM 300 SAE 40** has a strong demusibility. This allows an easy separation by centrifugal action of the water that may accidentally contaminate the lubricant charge.
- The antifoam qualities of the product avoid the formation of air bubbles and help to establish a uniformly distributed, uninterrupted oil film.

SPECIFICATIONS - APPROVALS

- API CF





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	910
Viscosity at 100°C	ASTM D 445	mm ² /s	14.4
Viscosity at 40°C	ASTM D 445	mm ² /s	135
Viscosity Index	ASTM D 2270	-	105
Flash point (COC)	ASTM D 92	°C	220
Flash point (PM)	ASTM D 93	°C	196
Pour point	ASTM D 97	°C	-21
B. N.	ASTM D 2896	mg KOH/g	30

