

eni CLADIUM 300 ID



eni CLADIUM 300 ID is a lubricant formulated with high quality base oils, developed for the lubrication of 4-stroke diesel engines, which for the particular operating conditions and for the sulfur content in the fuel used require a lubricant with a base number (BN) medium high.

CHARACTERISTICS (TYPICAL FIGURES)

eni CLADIUM 300 ID

SAE Grade		30	40
Appearance	-	B & C	B & C
Density at 15°C	kg/L	0.894	0.899
Viscosity at 100°C	cSt	12.2	15.8
Viscosity at 40°C	cSt	102.6	152.8
Viscosity Index	-	110	107
Flash Point COC	°C	246	254
Pour Point	°C	-18	-18
Total Base Number	mg KOH/g	30	30

PROPERTIES AND PERFORMANCE

- **eni CLADIUM 300 ID** has very high detergent properties which effectively prevent formation of lacquer and carbon deposits on piston lands and grooves, thus keeping rings free.
- Its alkalinity, expressed through the base number (BN), inhibits the corrosive effects that could occur as a result of the condensation of acid products deriving from the combustion process. This property is particularly useful in engines with low oil consumption or in operating conditions that induce cylinders surface temperatures capable of promoting the condensation of acidic substances.
- Its exhibits excellent anti-wear performances making it therefore suitable, also for the lubrication of main engine reduction gear units.
- **eni CLADIUM 300 ID** has demulsive properties that allows an easy separation of water by centrifugation
- The product has antifoam properties that reduce the formation of air bubbles, this allows the formation of a continuous oil film.

SPECIFICATIONS

- **eni CLADIUM 300 ID** meets the requirements of the API CF specification.