



eni Cladium 400

eni CLADIUM 400 is an engine oil intended for use in four-stroke diesel engines operating with high-sulphur fuels, thus requiring a specially high TBN, and in particular running conditions. It is specifically recommended for application in four-stroke diesel engines operating on poor quality, high sulphur, residual fuels or frequently experiencing low temperatures in the piston-liner area.

eni CLADIUM 400 is also recommended for those applications where a single product is preferred to lubricate both engines operating on fuel oil and those running on diesel fuel.

CHARACTERISTICS (TYPICAL FIGURES)

eni CLADIUM 400

SAE Grade		30	40
Viscosity at 100°C	mm ² /s	12	15,7
Viscosity at 40°C	mm ² /s	108	160
Viscosity Index	-	100	100
TBN	mgKOH/g	40	40
Flash Point COC	°C	225	235
Pour Point	°C	-21	-18
Mass Density at 15°C	kg/l	0,915	0,920

PROPERTIES AND PERFORMANCE

- **eni CLADIUM 400** has detergent-dispersant properties which effectively prevent the formation of lacquers, sludge and deposits, thus keeping rings free and pistons clean.
- It has enough alkalinity reserve to efficiently combat the formation of acid mists resulting from the use of very-high sulphur fuel oils. This reserve is also particularly useful in engines exhibiting especially low oil consumption or operating at such low liner temperatures as to favour sulphuric acid condensation.
- Its antiwear properties make this product also suitable to lubricate main engine reduction gear units.
- Its antifoam properties prevent the formation and entrainment of air bubbles.
- Its balanced dispersancy ensures a perfectly clean engine without hindering purification by centrifuging.
- Its high polarity provides superior protection of engine parts from attack by moisture and salinity.

SPECIFICATIONS

eni CLADIUM 400 has been officially approved or accepted by the following engine manufacturers or organizations:

- NEW SULZER DIESEL
- API CF