



eni Cladium 300

eni CLADIUM 300 is an API CF (Series III) engine oils series developed for use in four-stroke diesel engines operating on residual fuels with high sulphur content and under conditions that demand an oil with a medium-high TBN.

CHARACTERISTICS (TYPICAL FIGURES)

SAE Grade		30	40
Density at 15°C	kg/m ³	910	915
Viscosity at 100°C	mm ² /s	12	15.7
Viscosity at 40°C	mm ² /s	108	160
Viscosity Index	-	100	100
Flash Point COC	°C	225	235
Pour Point	°C	-21	-18
TBN	mg KOH/g	30	30

PROPERTIES AND PERFORMANCE

- **eni CLADIUM 300** has very high detergent properties which effectively prevent formation of lacquer and carbon deposits on pistons lands and grooves, thus keeping rings free.
- The neutralization power of this product allows to avoid acid mist formation due to high sulphur fuels. This property is also particularly useful with engines using medium-high sulphur fuels but with very low oil consumption or operating with low temperature, conditions which increase sulphuric acid condensation.
- It exhibits excellent antiwear performances making it therefore suitable, also for the lubrication of main engine reduction gear units.
- Its good demulsibility characteristics allow the efficient separation of any water accidentally entering the engine
- Its antifoam properties prevent breakdown of the oil film on lubricated surfaces.

SPECIFICATIONS

eni CLADIUM 300 has been officially approved and/or accepted by the following engine manufacturers and/or organizations:

- API CF
- HYUNDAI
- ROLLS ROYCE - BERGEN
- S.E.M.T. - PIELSTICK
- WÄRTSILÄ VASA