



AGIP CLADIUM 300

AGIP CLADIUM 300 is an API CD (Series III) lubricant intended for use in four-stroke diesel engines operating on residual fuels and under conditions that demand an oil with a medium-high TBN. The product is specifically intended for diesel engines where considerable amounts of acid mist are formed in relation low power or stop-and-go operations. As **AGIP CLADIUM 300** provides optimum performance even in diesel engines operating continuously at high power; it can be used when, for standardisation purposes, a single product is preferred for both engines operating on fuel oil and on diesel fuel.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP CLADIUM 300

SAE Grade		30	40	50
Viscosity at 100°C	mm ² /s	12	15,7	17.6
Viscosity at 40°C	mm ² /s	108	160	195
Viscosity Index	-	100	100	98
TBN	mgKOH/g	30	30	30
Flash Point COC	°C	225	235	250
Pour Point	°C	-21	-18	-9
Mass Density at 15°C	kg/l	0.910	0.915	0.910

PROPERTIES AND PERFORMANCE

- **AGIP 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.
- Its dispersant performance is appropriately balanced in order to prevent engine deposits without adversely affecting centrifuging.
- It exhibits excellent antiwear performances making it therefore suitable, also for the lubrication of main engine reduction gear units.
- Its antifoam properties prevent breakdown of the oil film on lubricated surfaces.
- Its good demulsibility characteristics allow the efficient separation of any water accidentally entering the engine.
- Its antirust properties provide superior protection against moisture and salinity.
- **AGIP CLADIUM 300** is formulated to prevent deposits of unreacted antiacid additives in the cylinders in case of operation on low-sulphur fuels. It can therefore provide optimum lubrication even in engines running on diesel fuel.



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SPECIFICATIONS

AGIP CLADIUM 300 has been officially approved or accepted by the following engine manufacturers or organizations:

- FINCANTIERI - Divisione Grandi Motori
- M.A.N. - B&W
- NEW SULZER DIESEL
- WÄRTSILÄ
- API CF