

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 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 for standardisation purposes, a single product preferred for both engines operating on fuel oil and on diesel fuel.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP CLADIUM 300

Characteristics	ASTM	Unit	SAE GRADE	
			30	40
Density at 15°C	D 4052	kg/l	0890	0.910
Viscosity at 100°C	D 445	mm ² /s	11.5	15.4
Viscosity at 40°C	D 445	mm ² /s	100	154.3
Viscosity Index	D 2270		102	101
Flash Point, COC	D 92	°C	246	240
Pour Point	D 97	°C	-9	-12
Base Number	D 2896	mg KOH/g	30	30

PROPERTIES AND PERFORMANCES

- AGIP CLADIUM 300 has very high detergent properties which effectively prevent formation of lacquer and carbon deposits on piston lands and grooves, thus keeping rings free.
- Its dispersant performance is appropriately balanced in order to prevent engine deposits without adversely affecting centrifuging.
- Its exhibits excellent anti-wear 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 antirust properties provide superior protection against moisture and salinity.
- AGIP CLADIUM 300 is formulated to prevent deposits of uncreated anti-acid 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.

SPECIFICATIONS

- API SERVICE CD/SF
- MIL – L – 2104 E level
- MB 227.0 Quality

- CCMC D4
- CATERPILLAR 1G2
- CATERPILLAR TO-2
- CATERPILLAR 1M-PC
- ALLISON C-4

APPLICATION

AGIP CLADIUM 300 is specifically designed to be used on static diesel and marine diesel engines using diesel oil or marine fuel oil with sulphur content less than 3.5 % wt and formulated to achieve optimum engine life.

APPROVAL

AGIP CLADIUM 300 meets requirements of the API CD specification.

- Fincantieri - Divisione Grandi Motori
- MAN - B & W.
- Mirrlees Blackstone
- New Sulzer Diesel
- Wärtsilä