



APPLICATIONS

Eni CLADIUM 120 SAE 40 is a lubricant formulated with high quality base oils, designed for naturally aspirated or highly supercharged marine, industrial and locomotive Diesel engines. Its additive package is suitably balanced in order to permit the use of either gasoil or Marine Diesel Oil (MDO), while ensuring top performance in engines with very high mean effective pressures.

CUSTOMER ADVANTAGES

- **Eni CLADIUM 120 SAE 40** has excellent detergent properties which effectively prevent formation of lacquer and carbon deposits on piston lands and grooves, thus avoid ring sticking even in the most highly-rated engines.
- The product has dispersant properties which prevent sludge deposition in the engine and assist in its elimination by centrifuging.
- Its anticorrosion properties provide efficient long-term protection of liners.
- The alkaline properties (BN) remain close to the original value even after prolonged exercise, thus ensuring effective neutralization of acidic products.
- The antiwear properties of **Eni CLADIUM 120 SAE 40** ensure a valid protection against wear phenomena, preserving the surfaces of mechanical components.
- The antifoam properties of **Eni CLADIUM 120 SAE 40** prevent breakdown of the oil film, thus ensuring appropriate lubrication of moving parts.
- The lubricant allows quick separation of water and insolubles by centrifuging

SPECIFICATIONS - APPROVALS

- API CF





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	897
Viscosity at 100°C	ASTM D 445	mm ² /s	14.1
Viscosity at 40°C	ASTM D 445	mm ² /s	127
Viscosity Index	ASTM D 2270	-	109
Flash point (COC)	ASTM D 92	°C	224
Pour point	ASTM D 97	°C	-24
B. N.	ASTM D 2896	mg KOH/g	12

