

# eni CLADIUM 120 ID



**eni CLADIUM 120 ID** 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.

## CHARACTERISTICS (TYPICAL FIGURES)

### eni CLADIUM 120 ID

SAE Grade		30	40
Appearance	-	B & C	B & C
Density at 15°C	kg/L	0.883	0.889
Viscosity at 100°C	cSt	12.1	15.9
Viscosity at 40°C	cSt	101.6	154.9
Viscosity Index	-	109	106
Flash Point COC	°C	250	260
Pour Point	°C	-21	-18
Total Base Number	mg KOH/g	12	12

## PROPERTIES AND PERFORMANCE

- **eni CLADIUM 120 ID** has excellent detergent properties which effectively prevent formation of lacquer and carbon deposits on piston lands and grooves, thus keeping the rings free even in the most highly-rate engines.
- Its balanced dispersant properties prevent sludge deposition in the engine and assist in its elimination by centrifuging.
- Its anticorrosion properties provide efficient, long-term protection of liners.
- Its TBN retention properties remain high even after extended use, thus ensuring effective neutralization of acidic products.
- The antiwear properties of **eni CLADIUM 120 ID** ensure a valid protection against wear phenomena, preserving the surfaces of mechanical components
- The antifoam properties of **eni CLADIUM 120 ID** ensure correct lubrication of moving parts
- The lubricant allows quick separation of water and insoluble by centrifuging.

## SPECIFICATIONS

**eni CLADIUM 200 ID** meets the requirements of the API CF specification.