

# eni CLADIUM 50 ID



**eni CLADIUM 50 ID** is a detergent lubricant formulated from an additive-treated high-quality base stock. It is suitable for use as crankcase oil in large crosshead engines with oil-cooled pistons. It can also be used as a stern tube lubricant.

## CHARACTERISTICS (TYPICAL FIGURES)

### eni CLADIUM 50 ID

SAE Grade		30
Appearance	-	B & C
Density at 15°C	kg/L	0.879
Viscosity at 100°C	cSt	12.0
Viscosity at 40°C	cSt	101.4
Viscosity Index	-	108
Flash Point COC	°C	266
Pour Point	°C	-21
Total Base Number	mgKOH/g	6.1

## PROPERTIES AND PERFORMANCE

- **eni CLADIUM 50 ID** is extremely stable, particularly resistant to thermal cracking and oxidation, and has high detergent properties. These effectively prevent the formation of carbon, lacquer and deposits in the hottest parts of the pistons of crosshead engines and in the crankcase, thus preserving the cooling efficiency of the circuit.
- Its antiacid and antirust properties efficiently combat the corrosive effects of moisture and salinity.
- Its antiwear properties ensure long life of engine parts, thus reducing servicing and overhaul requirements.
- Its antifoam properties minimize the formation of air bubbles which could adversely affect lubricant film continuity.
- Its demulsibility properties permit the separation by centrifuging of any water accidentally entering the engine.