



AGIP CLADIUM 140 S

AGIP CLADIUM 140 S is a lubricant specifically formulated for naturally-aspirated or even highly supercharged marine, industrial and locomotive diesel engines, operating on either gasoil, Marine Diesel Oil, Light Fuel Oil (LFO), vegetable oil, or for dual fuel gas engines, according to engine manufacturer's recommendations.

Characteristics (typical figures)

SAE Grade		40
Viscosity at 100°C	mm ² /s	14.5
Viscosity at 40°C	mm ² /s	142
Viscosity Index	-	100
TBN	mgKOH/g	14
Flash Point COC	°C	235
Pour Point	°C	-15
Mass Density at 15°C	kg/l	0.902

Properties and performance

- AGIP CLADIUM 140 S 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-rated 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.
- Its very good antiwear properties ensure the life of all sliding parts.
- Its antifoam properties prevent breakdown of the oil film, thus ensuring superior hydrodynamic lubrication of moving parts.
- Despite its high detergent-dispersant efficiency, the demulsibility characteristics allow rapid separation of water accidentally entering the engine.

Specifications and approvals

AGIP CLADIUM 140 S has been officially approved or accepted by the following engine manufacturers or organizations:

- API CF
- Wärtsilä "Table 1"