

Alfacylo

540 LS

Product Description

ALFACYLO 540 LS is a high performance cylinder oil of SAE 50 viscosity grade, specially intended for use in slow-speed crosshead marine diesel engines burning low sulphur fuels (<2%), operating at high thermal and mechanical loads. ALFACYLO 540 LS is manufactured from highly refined mineral base oils and special additive packages thus providing effective protection of the cylinder liners and piston rings.

Performance Features

- Supreme protection against corrosive wear through neutralisation of the combustion sulphuric acids along with excellent oxidation resistance and thermal stability
- Excellent detergent and dispersant properties, preventing piston ring sticking and reducing deposit build up, both leading to reduced maintenance cost
- High lubrication properties through the thick oil film and advanced load carrying properties
- Long storage stability, maintaining homogeneity at all ambient temperatures

Application

ALFACYLO 540 LS is recommended for the cylinder lubrication of the crosshead diesel engines constantly using low sulphur fuels, thus require a reduction in the lubricant's base number along with excellent detergent properties. ALFACYLO 540 LS meets the requirements of the OEMs and it is approved by MAN Diesel & Turbo.

Typical Properties:

SAE grade	50	Method
Specific gravity at 15 ^o C, Kg/l	0.914	ASTM D-4052
Viscosity, Kinematic at 40 ^o C, cSt	230	ISO 3104
Viscosity, Kinematic at 100 ^o C, cSt	20	ISO 3104
Viscosity Index	95	ISO 2909
Pour Point, ^o C	-9	ISO 3016
Flash Point COC, ^o C	264	ISO 2592
Total Base Number (TBN), mg KOH/g	40	ISO 3771

Note:

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.