

HD Marine CL 4050

Description

HD Marine CL 4050. This Cylinder Lubricant (CL) for marine application, based on top quality mineral base oils and outstanding additives (validated by OEMs), is able to provide:

- sufficient detergency to prevent piston deposit formation
- sufficient basicity to neutralize acids.

Application

This marine cylinder lubricant is a once-through lubricant used to lubricate and protect pistons, rings and liners of low-speeds 2-stroke crosshead engines. Suitable for the latest and older engine types of the Major OEMs and others. Recommended for engines operating on VLSFO (very low sulfur fuel oil, sulfur level: max 0,50%)

Specifications

Performance level:
MAN Energy Solutions
Winterthur Gas & Diesel (WinGD)
Japan Engine Corporation (J-ENG)

Typicals

Density at 15 °C, kg/l	0,909
Viscosity 40 °C, mm ² /s	212,00
Viscosity 100 °C, mm ² /s	18,90
Viscosity Index	100
Flash Point COC, °C	262
Pour Point, °C	-12
Total Base Number, mgKOH/g	39,6
Sulphate Ash, %	5,09
SAE	50