STIRLINGS OIL
Zevenkampse Ring 342
3068 HG Rotterdam
The Netherlands



Product Information: ST.O.13.42

## **HD Marine CL 7050**

**Description** 

Stirlings HD Marine CL 7050. 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-though 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 HSFO (high sulfur fuel oil, sulfur level: above 1,00%), optional with SOx scrubber.

**Specifications** 

Performance level: MAN Energy Solutions

Winterthur Gas & Diesel (WinGD)
Japan Engine Corporation (J-ENG)

**Typicals** 

Danait. at 45 % La/I	0.022
Density at 15 °C, kg/l	0,933
Viscosity 40 °C, mm <sup>2</sup> /s	198,00
Viscosity 100 °C, mm <sup>2</sup> /s	18,40
Viscosity Index	103
Flash Point COC, °C	252
Pour Point, °C	-27
Total Base Number, mgKOH/g	70,6
Sulphate Ash, %	8,98
SAE	50