

HD Marine CL 4050

<u>Description</u>	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.																		
<u>Application</u>	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 VLSFO (very low sulfur fuel oil, sulfur level: max 0,50%)																		
<u>Specifications</u>	Performance level: MAN Energy Solutions Winterthur Gas & Diesel (WinGD) Japan Engine Corporation (J-ENG)																		
<u>Typicals</u>	<table border="1"><tr><td>Density at 15 °C, kg/l</td><td>0,909</td></tr><tr><td>Viscosity 40 °C, mm²/s</td><td>212,00</td></tr><tr><td>Viscosity 100 °C, mm²/s</td><td>18,90</td></tr><tr><td>Viscosity Index</td><td>100</td></tr><tr><td>Flash Point COC, °C</td><td>262</td></tr><tr><td>Pour Point, °C</td><td>-12</td></tr><tr><td>Total Base Number, mgKOH/g</td><td>39,6</td></tr><tr><td>Sulphate Ash, %</td><td>5,09</td></tr><tr><td>SAE</td><td>50</td></tr></table>	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
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																		