



# S-OIL MARINE CL 100 Series

## CYLINDER LUBRICANT FOR 2-STROKE LOW SPEED DIESEL ENGINE

### Product Description

S-OIL Marine CL 100 Series are superior, high-alkaline, cross-head engine oils, developed specifically for lubrication of modern, high output cross-head type engines. S-OIL Marine CL 100 Series are formulated from high-quality base stocks with selected additives to provide optimum oxidation resistance at high temperatures. They also provide high levels of detergency, alkalinity and load-carrying ability to meet the performance requirements of highly corrosive engines that are under slow steaming.

### Applications

- S-OIL Marine CL 10050 is advanced cylinder oil designed to prevent premature liner wear in two-stroke engines operating on heavy fuel oil with a sulfur range of up to 3.5wt%.

### Features and potential benefits

- Specially formulated to help protect engines that are susceptible to high level of “cold corrosion” at conditions below the dew point
- High viscosity index maintain a strong film strength at high temperature
- Outstanding detergency capability leads to cleaner piston rings and liners
- Excellent thermal stability can lead to reduced carbon deposits and sludge formation

### Performance level

- SAE 50
- MAN

### Typical Properties

Test Items	SAE Grade			SAE 50
	SAE Grade	Method	Unit	CL 10050
Specific gravity	ASTM D1298		-	0.9433
Viscosity	ASTM D445		cSt	202.6
	ASTM D445		cSt	19.43
Viscosity index	ASTM D2270		-	109
Flash point	ASTM D92		°C	258
Pour point	ASTM D97		°C	-29
TBN	ASTM D2896			100

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet is obtainable via your commercial adviser.