



# S-OIL MARINE CL 25 Series

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

### Product Description

S-OIL Marine CL 25 Series are developed specifically for lubrication of two stroke low speed diesel engines using ultra low Sulphur fuels(under 0.1wt%). S-OIL Marine CL 25 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 modern cross-head type two stroke marine diesel engines.

### Applications

- S-OIL Marine CL 25 series is a high quality cylinder oil designed for two-stroke engines operating on Emission Control Areas (ECAs) complaint low sulfur distillate fuels.

### Features and potential benefits

- Designed to ensure vessel operators can meet the new ECA sulfur requirements without compromising on engine protection and performance
- Minimizing deposit formation and scuffing related engine wear
- 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)
- SAE 40

### Typical Properties

Test Items	SAE Grade			SAE 40	SAE 50
	Method	Unit	CL 2540	CL 2550	
Specific gravity	ASTM D1298	-	0.8943	0.9000	
Viscosity	40°C	ASTM D445	126.5	214.9	
	100°C	ASTM D445	13.91	19.75	
Viscosity index	ASTM D2270	-	107	105	
Flash point	ASTM D92	°C	249	272	
Pour point	ASTM D97	°C	-15	-14	
TBN	ASTM D2896		25	25	

S-OIL CORPORATION  
192, Baekbeom-ro, Mapo-gu,  
Seoul, 04196, Korea

S-OIL MARINE CL  
2016.10.4.



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.