

S-OIL MARINE CL 50 Series

CYLINDER LUBRICANT FOR 2-STROKE LOW SPEED DIESEL ENGINE

Product Description

S-OIL Marine CL 50 Series are superior, high-alkaline, cross-head engine oils, developed specifically for lubrication of modern, high output cross-head type engines using low Sulphur fuels(up to 1.5wt%). S-OIL Marine CL 50 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 slow speed two stroke marine diesel engines.

Applications

- S-OIL Marine CL 50 Series are superior two-stroke engine cylinder lubricant with excellent anti-wear and detergency performance designed for use with low sulfur marine fuel(up to 1.5wt%).
- ※ In many case it is able to tolerate fuels with up to 2% sulfur

Features and potential benefits

- Excellent control piston ring and cylinder liner wear
- Minimizes the risk of cylinder liner scuffing during prolong operation on low sulfur fuel
- Enhanced detergency performance for superior engine clearness
- Ensures reduced deposits when operating on low sulfur fuels

Performance level

- SAE 40, 50

Typical Properties

Test Items	SAE Grade			SAE 40	SAE 50
	Method	Unit	CL 5040	CL 5050	
Specific gravity	ASTM D1298	-	0.9103	0.9167	
Viscosity	40°C	ASTM D445	cSt	127.1	209.8
	100°C	ASTM D445	cSt	14.08	19.36
Viscosity index	ASTM D2270	-	109	105	
Flash point	ASTM D92	°C	264	260	
Pour point	ASTM D97	°C	-27	-28	
TBN	ASTM D2896		55	55	