

S-OIL MARINE CL 40 Series

CYLINDER LUBRICANT FOR 2-STROKE LOW SPEED DIESEL ENGINE

Product Description

S-OIL Marine CL 40 Series are superior, high-alkaline, cross-head engine oils, developed specifically for lubrication of modern, high output cross-head type engines using low Sulfur fuels(up to 1.5wt%). S-OIL Marine CL 40 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 4050 is high performance cylinder lubricant particularly intended for cylinder lubrication of the latest generation two-stroke engines using low Sulfur fuel(up to 1.5wt%) and operating at very high mechanical and thermal loads.

Features and potential benefits

- Exceptional anti-wear properties
- Maintain a strong oil film under severe, high load, and high thermal load conditions
- Outstanding detergency capability leads to cleaner piston rings and liners
- Prevents ring sticking and minimizes deposit formation throughout the combustion chamber areas

Performance level

- SAE 50

Typical Properties

Test Items	SAE Grade			SAE 50
	Method	Unit	CL 4050	
Specific gravity	ASTM D1298	-	0.9113	
Viscosity	40°C	ASTM D445	cSt	220.2
	100°C	ASTM D445	cSt	19.69
Viscosity index	ASTM D2270	-	102	
Flash point	ASTM D92	°C	256	
Pour point	ASTM D97	°C	-37.5	
TBN	ASTM D2896		40	