



SUPER LIFE® 300MSO **MARINE DIESEL CROSSHEAD ENGINE SYSTEM OILS**

SUPER LIFE® 300MSO are premium quality , high performance multifunctional alkaline system oils designed for use in modern , high-output low-speed marine crosshead diesel engines .

APPLICATIONS:

SUPER LIFE® 300MSO are recommended for the main system lubrication of marine crosshead diesel engines , including the latest generation of “camless” engines.

BENEFITS:

- Excellent anti-rust , anti-corrosion, anti-foam properties.
- Minimize the formation of piston under crown deposits on cooled pistons.
- Contain sufficient alkalinity to protect against acidic combustion products.
- Good oxidation stability and excellent thermal stability.
- Cleaner crankcases and circulation tanks.
- Good detergency and dispersancy properties.
- Long oil life and good oil consumption control.
- Separate easily from water.
- Extend engine life.

TYPICAL CHARACTERISTICS

Test	Method	Typical Results						
		300 MSO5-30	300 MSO6-30	300 MSO7-30	300 MSO8-30	300 MSO8-40	300 MSO9-30	300 MSO9-40
SAE Viscosity Grade	SAE J300	30	30	30	30	40	30	40
API Gravity	ASTM D 287	25.72	29.29	27.49	29.29	25.72	27.49	25.72
Specific Gravity @ 15.6 °C (60°F)	ASTM D1298	0.90	0.88	0.89	0.88	0.9	0.89	0.90
Viscosity @ 40°C, cSt	ASTM D445	110	107	109	102	147	103	145
@ 100°C, cSt		12	11.8	11.94	11.4	14.65	11.5	14.5
Viscosity Index	ASTM D2270	98	98	98	98	98	98	98
Flash Point, °C (°F)	ASTM D92	230 (446)	230 (446)	230 (446)	230 (446)	235 (455)	230 (446)	235 (455)
Pour Point, °C (°F)	ASTM D97	-12 (10)	-12 (10)	-12 (10)	-12 (10)	-12 (10)	-12 (10)	-12 (10)
Total Base Number, mg KOH/g	ASTM D2896	5	6	7	8	8	9	9

The above characteristics are average values based on recent production. Minor variations, which do not affect product performance, are to be expected in normal manufacture.

WARNING:

Continuous contact with used motor oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.
Don't pollute. Conserve resources. Return used oil and bottle to collection centers

*Reference SDS Number 12024 database on our website at www.amtecol.com
OR scan the code for a direct link*

