

# Ocean Guard 530

High Performance Monograde - Crosshead Engine System Oils



## Product Data Sheet

### Product Description

Ocean Guard 530 is a high performance marine multipurpose system oil formulated with high quality paraffinic base stocks and balanced additive system to ensure optimum performance and excellent protection in low speed, high output cross head marine engines, operating on residual fuels. It has sufficient alkalinity to neutralize any strong acidic combustion products which may enter into the crankcase and it demonstrates high load carrying ability under severe operating conditions.

### Features & Benefits

- Improved oxidation & thermal stability reduces deposits build up in crankcase & piston cooling spaces and facilitates better piston cooling efficiency.
- Good resistance to the action of water and separation capability improves oil life and provides effective lubrication even in presence of water.
- Excellent filtration and centrifuging capabilities.
- Excellent resistance to rust & corrosion enhances bearing life.
- Excellent TBN reserves provides improved neutralization of strong acids, formed due to burning of high sulfur fuels entering inside the system, which helps in keeping the crankcase & circulation tanks cleaner.

### Specifications

**Ocean Guard 530** as a system lubricant meets or exceeds requirements of all major manufacturers of crosshead type marine diesel engines and by leading stern tube manufacturers.

### Application

- Suitable for lubricating crankcase systems of low speed cross head marine engines, operating on residual fuels.
- Turbochargers, geared transmissions, variable pitch propeller and Oil lubricated stern tubes & bearings.
- Deck machinery and other ancillary equipment requiring an SAE 30 & TBN 5 oil specifications.

### Typical Characteristics

Ocean Guard	Test Method	Units	530
SAE Grade	--	--	30
Density @ 15 °C	ASTM D 4052	gm/cc	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	11.7
Viscosity @ 40 °C	ASTM D 445	cSt	105
Viscosity Index	ASTM D 2270	-	98
Pour Point	ASTM D 97	°C	-12
Flash Point (COC)	ASTM D 92	°C	245
Total Base Number	ASTM D 2896	mg KOH/g	5.0
Sulphated Ash	ASTM D 874	wt%	0.65
FZG Gear Test (A/8,3/90), Fail Stage	DIN 51354	FLS	12

*The above figures are typical of blends with normal production tolerance and do not constitute a specification.*