

PRODUCT DATA SHEET

PETROCYL

PETROCYL OIL Series is superior, high-alkaline, cross-head engine oils, developed specifically for lubrication of modern, high output cross-head type engines using high sulphur fuels exceeding 4% by weight. PETROCYL OILS 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.

BENEFITS

- Reduced engine wear rates.
- Good demulsibility properties.
- Reduced maintenance costs.

SPECIFICATIONS & APPROVALS

Approved by major marine engine manufacturers:

- MAN B&W
- MISTUBUSHI HEAVY INDUSTRIES (MHI)
- WARTSILA NSD

APPLICATIONS

PETROCYL OIL Series is recommended as a cylinder lubricant for all types of slow speed cross-head two stroke diesel engines using high sulphur fuels particularly the long stroke, BMEP types.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE		TEST METHOD
Series	-	70	85	-
SAE GRADE	-	50	50	-
Specific Gravity @ 15 °C	-	0.937	0.945	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	208.0	207.0	ASTM D-445
Viscosity @ 100 °C	mm ² /s	19.7	19.78	ASTM D-445
Viscosity Index	-	100	110	ASTM D-2270
Flash Point, COC	°C	252	242	ASTM D-92
Pour Point	°C	-6	-6	ASTM D-97
Base Number	mg KOH/g	70	85.0	ASTM D-2896
Sulfated Ash	% wt	7.75	8.8	ASTM D-874
Color	-	D8.0	D8.0	ASTM D-1500
Product Code	-	4750	4780	-

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

