

PRODUCT DATA SHEET

PETROSHIELD KLS

PETROMIN PETROSHIELD KLS is specially formulated oil for medium speed trunk piston marine and industrial type engines operating on distillate fuels (Sulphur up to 0.08%). They are blended using solvent-refined high viscosity index paraffin mineral base oils and chemical additives which provide effective alkalinity, wear resistance, detergent/dispersant and efficient demulsibility characteristics.

BENEFITS

- Reduced port and under crown deposits.
- Cleaner engine operation.
- Increased protection against cylinder and bearing wear.
- Added Lubricity to compensate for lower sulfur fuels.
- Sludge and Varnish removal from all internal parts particularly valve trains, liners, crankcase bearings, and piston gallery.
- Lengthens engine life.

SPECIFICATIONS & APPROVALS

PETROMIN PETROSHIELD KLS meets or exceeds the requirements of:

- MAN B&W
- WARTSILA NSD
- CATERPILLAR
- DUETZ
- BLACKSTONE
- RUSTON

APPLICATIONS

PETROMIN PETROSHIELD KLS is recommended for crankcase lubrication in medium-speed marine type diesel engines. They can also be used for separate bearing lubrication and piston cooling of large cross-head type engines under severe service conditions at appropriate viscosity grades.



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PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE GRADE	-	40	-
Specific Gravity @ 15 °C	-	0.901	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	144.7	ASTM D-445
Viscosity @ 100 °C	mm ² /s	14.6	ASTM D-445
Viscosity Index	-	99	ASTM D-2270
Flash Point, COC	°C	260	ASTM D-92
Pour Point	°C	-6	ASTM D-97
TBN	mg KOH/g	12	ASTM D-2896
Sulfated Ash	% wt	1.5	ASTM D-874
Color		4.5	ASTM D-1500
Product Code	-	4200	-

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

