

PRODUCT DATA SHEET

PETRSHIELD MG 9000

PETROMIN PETROSHIELD MG is medium-alkaline diesel engine oil developed to meet naval applications where oil meeting the requirements of US Military Specification MIL-L-9000H is required. Petrosshield MG is formulated with solvent-refined mineral oils and chemical additives containing oxidation and corrosion inhibitors to provide wear resistance, detergent and dispersant characteristics and an effective level of alkalinity to neutralize strong acids generated from the combustion of heavy fuels of high sulphur content. It minimizes oil degradation and ring and cylinder wear whilst preventing bearing corrosion.

BENEFITS

- Outstanding oxidation stability at elevated temperatures.
- Superior protection against wear and corrosion.
- Excellent detergent and dispersant characteristics.
- Exceptional resistance to deposit formation.
- Good reserve alkalinity.

SPECIFICATIONS & APPROVALS

- MIL-L 9000H

APPLICATIONS

PETROMIN PETROSHIELD MG is intended primarily for lubricating cylinders and bearings of engines operating on distillate fuels particularly in naval applications and as a crankcase lubricant in large cross-head type diesel engines operating on residual or high-sulphur fuels. It is recommended for cylinders and bearings of medium-to low-speed diesel engines in naval vessels where oil meeting US Military Specification MIL-L-9000H is required.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE GRADE	-	40	-
Specific Gravity @ 15 °C	-	0.898	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	120.5	ASTM D-445
Viscosity @ 100 °C	mm ² /s	12.8	ASTM D-445
Viscosity Index	-	99	ASTM D-2270
Flash Point, COC	°C	259	ASTM D-92
Pour Point	°C	-14	ASTM D-97
Base Number	mg KOH/g	14.2	ASTM D-2896
Sulfated Ash	% wt	1.75	ASTM D-874
Color	-	-	ASTM D-1500
Product Code	-	4120	

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

