

PRODUCT DATA SHEET

PETROSHIELD 2

PETROMIN PETROSHIELD 2 oil Series is trunk piston engine oil formulated for crankcase lubrication requirements of high-output trunk-piston diesel engines and other similar marine type applications. They are formulated from solvent-refined paraffin thermally stable base oils, combined with an effective additive package providing enhanced load-carrying ability, efficient oxidation stability and effective dispersancy/detergency. They provide effective acid neutralization and alkalinity retention in service, even where high-Sulphur fuels are used.

BENEFITS

- Neutralize combustion acids.
- Maintain alkalinity in service.
- Good demulsibility.
- Control ring and liner wear.

SPECIFICATIONS & APPROVALS

PETROMIN PETROSHIELD 2 oil Series meets or exceeds the requirements of:

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

APPLICATIONS

PETROMIN PETROSHIELD 2 oil Series is primarily recommended for use in high-output trunk piston marine diesel engines operating on medium residual fuels (Sulphur up to 2.0%). They are suitable for four-stroke cycle engines.

PRODUCT CHARACTERISTICS*

| PROPERTIES | UNITS | VALUE | | | TEST METHOD |
|--------------------------|--------------------|-------------|-------------|-------------|-------------|
| SAE GRADE | - | 30 | 40 | 50 | - |
| Specific Gravity @ 15 °C | - | 0.909 | 0.913 | 0.918 | ASTM D-4052 |
| Viscosity @ 40 °C | mm ² /s | 103.5 | 145.0 | 224.0 | ASTM D-445 |
| Viscosity @ 100 °C | mm ² /s | 11.9 | 15.0 | 19.87 | ASTM D-445 |
| Viscosity Index | - | 104 | 104 | 100 | ASTM D-2270 |
| Flash Point, COC | °C | 246 | 260 | 276 | ASTM D-92 |
| Pour Point | °C | -9 | -6 | -6 | ASTM D-97 |
| Base Number | mg KOH/g | 30 | 30 | 30 | ASTM D-2896 |
| Sulfated Ash | % wt | 3.6 | 3.6 | 3.6 | ASTM D-874 |
| Color | | 4.0 | 4.5 | 5.0 | ASTM D-1500 |
| Product Code | - | 4230 | 4240 | 4290 | - |

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

