

PETROPOWER PLUS 5

PETROMIN PETROPOWER PLUS 5 is highly alkaline trunk piston engine oil (TPEO) developed for use in medium speed diesel engines burning with residual fuels containing high sulfur.

PETROMIN PETROPOWER PLUS 5 combines an exclusive formulation of latest additive technology, and a highly refined base oil to provide a robust safety margin to cope with the higher stress levels in present and future designs of engines. The additive technology used is based on salicylate detergent. This provides both the required engine cleanliness and supports sufficient dispersed base to have an effective acid neutralization. PETROPOWER PLUS 5 shall take care of TBN depletion problems specially, where low oil consumption is demanding.

BENEFITS

- Excellent TBN retention with low oil consumption.
- Controls sludge formation, thus increase filter life.
- Outstanding cleanliness of the hot & cold parts of engine, due to improved detergency/dispersancy.
- Extended oil life and extended drain intervals.
- Reduced build-up of heavy deposits inside the engine thus leading to a reduction in maintenance costs.
- Exceptional control of viscosity increase, consequently less top-ups.
- Outstanding demulsibility in maintaining performance and to remove the water rapidly, if water ingress.
- Excellent wear protection and very good oil film strength at extreme pressures.

SPECIFICATIONS & APPROVALS

- WARTSILA
- MAN B&W
- MAK, YANMAR
- CATERPILLAR
- DUETZ, RUSTON
- BLACKSTONE

APPLICATIONS

PETROMIN PETROPOWER PLUS 5 is recommended as crankcase engine oil for highly rated medium speed diesel engines used in marine & stationary power generation applications, burning heavy fuel oil with high sulphur contents. Suitable for medium speed high BMEP engines, operating on high sulfur fuels. Particularly suited for 'flame ring liners' fitted engines such as WARTSILA, MAN (B&W) models. Use in Bearings, stern-tubes & in reduction gear lubrication.



PRODUCT DATA SHEET

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE GRADE	-	40	-
Specific Gravity @ 15 °C	-	0.922	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	132.3	ASTM D-445
Viscosity @ 100 °C	mm ² /s	14.2	ASTM D-445
Viscosity Index	-	105	ASTM D-2270
Flash Point, COC	°C	254	ASTM D-92
Pour Point	°C	-6	ASTM D-97
TBN	mg KOH/g	55.5	ASTM D-2896
Sulfated Ash	% wt	6.78	ASTM D-874
Color		5.0	ASTM D-1500
Product Code	-	2730	-

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

