

Trunk Piston Engine Oil

Premium Mineral Technology

RAK MARINE 1230 &1240

PRODUCT DESCRIPTION:

RAK Marine 1230 and 1240 are high performance trunk piston engine oils for medium speed marine and industrial type trunk piston engines operating on low sulphur distillate fuel (Sulphur upto 1.0%). They are blended using solvent-refined high viscosity index paraffin mineral base oils with chemical additive which provide effective alkalinity, wear resistance, detergency and dispersancy.

Applications:

Recommended for crankcase lubrication in medium-speed marine type diesel engines. They also used to separate bearing lubrication and piston cooling of large crosshead type engine under severe service conditions at appropriate viscosity grades.

Features:

- Improved anti wear properties, reduces ring & liner wear
- Reduces port and under crown deposits
- Cleaner engine operation
- Increased protection against cylinder and bearing wear
- Outstanding thermal & oxidation stability extend periods between inspection & overhauling
- Excellent TBN retention with low oil consumption
- Controls black sludge deposits thus increasing oil filter life and reduces cleaning frequencies

Meets and Exceeds Performance Levels:

- API: CF

Typical Properties:

| PARAMETERS | TEST METHOD | UNIT | RAK MARINE 1230 | RAK MARINE 1240 |
|------------------------------------|-------------|-------------------|-----------------|-----------------|
| Grade | | | 30 | 40 |
| Kinematic Viscosity @ 104°F /40°C | ASTM D-445 | cSt | 103 | 150 |
| Kinematic Viscosity @ 212°F /100°C | ASTM D-445 | cSt | 11.0 | 14.5 |
| Viscosity Index (min) | ASTM D-2270 | - | 90 | 95 |
| SP. Gravity @15°C/ 60°F | ASTM D-4052 | g/cm ³ | 0.893 | 0.894 |
| Flash Point (min) | ASTM D-92 | °C | 240 | 250 |
| Pour Point (max) | ASTM D-97 | °C | -12 | -12 |
| TBN | ASTM D-2896 | Mg KOH/g | 12 | 12 |

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website