RELIABILITY.ADVANCED.KNOWLEDGE

Trunk Piston Engine Oil

Premium Mineral Technology

RAK MARINE 2030&2040

PRODUCT DESCRIPTION:

RAK Marine 2030 and 2040 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 2030	RAK MARINE 2040
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/cm3	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	20	20

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