

QATOL MANTA RAY TPEO 50 SAE 40

Trunk piston oil for medium speed engines.

PRODUCT DESCRIPTION:

QATOL TPEO 50 SAE 40 is a high quality, alkaline dual purpose API CF level lubricating oil specially formulated to meet the requirements of medium speed trunk piston diesel engines operating on residual fuel and crude oil with sulfur level up to 2% and above.



QATOL TPEO 50 SAE 40 provides the necessary extra alkalinity to effectively neutralize acidic products of combustion when operating on heavy residual fuels or crude oils and to give a high level of detergency to keep pistons and piston rings free of deposits.

APPLICATION:

- QATOL TPEO 50 SAE 40 is blended with latest technology additive packages developed especially for use with engines burning heavy residual fuels and crude oil.
- The use of QATOL TPEO 50 SAE 40 is recommended in heavy fuel installations, especially if fuel sulfur content is above 2.0% mass.
- QATOL TPEO 50 SAE 40 Designed for use in highly rated, medium speed diesel engines used for both marine and stationary power generation.
- QATOL TPEO 50 SAE 40 used in Engines using residual heavy fuel oil with low sulfur content. It is also suitable for dual fuel 4-stroke engines.
- QATOL TPEO 50 SAE 40 can also be used to lubricate bearings, stern tubes and reduction gears.

ADVANTAGES/BENEFITS:

- The use of QATOL TPEO 50 SAE 40 will ensure engine cleanliness, resulting in longer periods between overhauls
- QATOL TPEO 50 SAE 40 is fully inhibited for protection against bearing corrosion.
- QATOL TPEO 50 SAE 40 has a high level of oxidation resistance to prevent premature ageing and to give longer oil life.
- QATOL TPEO 50 SAE 40 offers optimum alkalinity in order to neutralize acidic by-products of combustion.
- QATOL TPEO 50 SAE 40 has the ability to reduce heavy deposit build-up in an engine creates savings via a reduction in maintenance costs.
- QATOL TPEO 50 SAE 40 offers excellent resistance to the negative effects of residual fuel contamination, along with excellent thermal resistance and oxidization resistance.

SPECIFICATIONS/ RECOMMENDATIONS:

- API CF
- Wärtsilä
- MWM Deutz
- MAN B&W
- YANMAR
- Rolls-Royce
- MAK (Caterpillar)

KEY PROPERTIES:

PROPERTIES	TEST METHOD	TYPICAL VALUES	UNIT
Density @ 35 °C	ASTM D 4052	0.9	g/ml
Kinematic Viscosity @ 40 °C	ASTM D 445	158	mm ² /s
Kinematic Viscosity @ 100 °C	ASTM D 445	15.5	mm ² /s
Viscosity Index	ASTM D 2270	99	-
TBN	ASTM D 2896	50	mg KOH/g
Flash Point, CoC	ASTM D 92	248	°C
Pour Point	ASTM D 97	-12	°C

AVAILABLE PACKAGES: 208L, 25L, 20L,