

QATOL MANTA RAY TPEO 12 SAE 40

Trunk piston oil for medium speed engines.

PRODUCT DESCRIPTION:

QATOL TPEO 12 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 low sulfur content.



QATOL TPEO 12 SAE 40 provide the necessary alkalinity to effectively neutralize acidic products of combustion and to give an optimum level of detergency to keep pistons and piston rings free of deposits.

APPLICATION:

- QATOL TPEO 12 SAE 40 is blended with latest technology additive packages developed especially for use with engines burning residual fuel and crude oil with low sulfur content.
- QATOL TPEO 12 SAE 40 is recommended when both distillate fuel and residual fuel are used periodically.
- QATOL TPEO 12 SAE 40 Designed for use in highly rated, medium speed diesel engines used for both marine and stationary power generation.
- QATOL TPEO 12 SAE 40 used in Engines using Light fuel oil with low sulfur content. It is also suitable for dual fuel 4-stroke engines.
- QATOL TPEO 12 SAE 40 can also be used to lubricate bearings, stern tubes and reduction gears.

ADVANTAGES/BENEFITS:

- The use of QATOL TPEO 12 SAE 40 will ensure engine cleanliness, resulting in longer periods between overhauls
- QATOL TPEO 12 SAE 40 is fully inhibited for protection against bearing corrosion.
- QATOL TPEO 12 SAE 40 has a high level of oxidation resistance to prevent premature ageing and to give longer oil life.
- QATOL TPEO 12 SAE 40 offers optimum alkalinity in order to neutralize acidic by-products of combustion.
- QATOL TPEO 12 SAE 40 offers excellent cleanliness of the SCR catalyst increasing maintenance intervals and making possible lower total operating costs.
- QATOL TPEO 12 SAE 40 has the ability to reduce heavy deposit build-up in an engine creates savings via a reduction in maintenance costs.
- QATOL TPEO 12 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	0.89	g/ml
Kinematic Viscosity @ 40 °C	ASTM D 445	129	mm ² /s
Kinematic Viscosity @ 100 °C	ASTM D 445	15.3	mm ² /s
Viscosity Index	ASTM D 2270	97	-
TBN	ASTM D 2896	12	mg KOH/g
Flash Point, CoC	ASTM D 92	235	°C
Pour Point	ASTM D 97	-15	°C

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