TARO® 40 XL

SAE 40(X)

PRODUCT DESCRIPTION

Taro® 40 XL is a high performance, very high alkalinity diesel engine oil for medium speed trunk piston diesel engines burning residual fuels with a maximum sulfur level of 4.5%.

CUSTOMER BENEFITS

Taro 40 XL delivers value through:

- **Wear protection** — High BN levels control cylinder liner wear effectively and protects bearings from corrosion. High performance antiwear additives provide excellent protection against adhesive wear for cams, camshaft and bearings.
- **Excellent foaming and water tolerance** — Helps provide a high degree of water tolerance and antifoam protection.
- **Detergent/Dispersant Properties** — Keeps crankcases and oil control rings clean. Prevents deposit formation throughout the engine. Reduces lube oil filter blockage. Effectively handles insolubles.
- **Oxidation stability** — Oxidation inhibitors protect the oil against high thermal stresses, protect engine parts from corrosion and reduce undercrown deposits, while promoting extended lubricant life.
- **Rust protection** — Prevents corrosion of engine parts when the engine is not in operation.
- **Balanced additive components** — Provides minimal maintenance and down-time, long engine life and economical operating costs.

FEATURES

Taro 40 XL is blended from high quality base oils and additives that provide an extra margin of protection against ring sticking, piston deposits, and wear under severe operating conditions.

Taro 40 XL has very good viscosity control when used in severe high temperature service and its excellent alkalinity retention characteristics help prevent corrosive wear over long periods of operation.

The unique detergent and dispersant additive system promotes outstanding piston cleanliness as well as superb heavy fuel related contaminants handling characteristics. This helps reduce both "hot" (piston lands and grooves, piston undercrown, purifier preheaters) and "cold" (crankcase, cambox, rocker area, fuel pumps, purifier bowl) deposits.

Taro 40 XL has good water separation and base retention properties.

APPLICATIONS

Taro 40 XL is recommended for trunk piston diesel engines burning residual fuels with a maximum sulfur level of 4.5%.

Taro 40 XL SAE 40(X) meets the requirements of most major marine diesel engine manufacturers.

Product(s) manufactured in the USA.
Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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TYPICAL TEST DATA

SAE Grade	40(X)
Product Number	*293005*
SDS/MSDS Number	*26684*
API Gravity	25.7
Density at 15°C, kg/L	0.91
Viscosity, Kinematic cSt at 40°C cSt at 100°C	 135 14.0
Viscosity Index	100
Flash Point, °C(°F)	240(464)
Pour Point, °C(°F)	-12(0)
FZG Scuffing Test (A/8.3/90), failure load stage, ASTM D5182	12
Sulfated ash, mass %	4.9
Base Number, ASTM D2896	40

Minor variations in product typical test data are to be expected in normal manufacturing.

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