



TARO[®] 20 DP

SAE 30(X), 40(X)

PRODUCT DESCRIPTION

Taro[®] 20 DP are high performance, high alkalinity diesel engine oils for medium and high speed trunk piston diesel engines burning residual fuels with a maximum sulphur content up to 2%. Taro 20 DP can also be used in combination with gas oil or marine diesel oil (MDO).

CUSTOMER BENEFITS

Taro 20 DP deliver 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** — Provide a high degree of water tolerance and antifoam protection.
- **Detergent/Deposit Properties** — Keep crankcases and control oil 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** — Prevent corrosion of engine parts when the engine is not in operation.
- **Balanced additive components** — Provide minimal maintenance and down-time, long engine life, and economical operating costs.

FEATURES

Taro 20 DP are 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 20 DP have very good viscosity control when used in severe high temperature service and its excellent alkalinity retention characteristics 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 heaters) and "cold" (crankcase, cambox, rocker area, fuel pumps, purifier bowl) deposits. The oil provides a high degree of water tolerance, good water separability and base retention properties.

APPLICATIONS

Taro 20 DP are recommended for trunk piston diesel engines burning MDO or low sulfur heavy fuels with a sulfur content up to 2%.

Taro 20 DP meet 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	30(X)	40(X)
<i>Product Number</i>	293001	293002
<i>SDS/MSDS Number</i>	26775	26775
API Gravity	25.7	25.7
Density at 15°C, kg/L	0.91	0.91
Viscosity, Kinematic cSt at 40°C cSt at 100°C	95 11.0	135 14.0
Viscosity Index	100	100
Flash Point, °C(°F)	240(464)	240(464)
Pour Point, °C(°F)	-12(0)	-12(0)
Sulfated ash, mass %	2.5	2.5
Base Number, ASTM D2896	20	20

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

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