



TARO[®] 20 DP ISOCLEAN[®] CERTIFIED LUBRICANT SAE 30(X), 40(X)

PRODUCT DESCRIPTION

Taro[®] 20 DP ISOCLEAN[®] Certified Lubricants 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 ISOCLEAN Certified Lubricants can also be used in combination with gas oil or marine diesel oil (MDO). Chevron ISOCLEAN Certified Lubricants have been certified to meet specified ISO Cleanliness standards at point of delivery using industry leading filtration and testing technology. ISOCLEAN Certified products are the first step for contamination control and maximizing component life.



CUSTOMER BENEFITS

Taro 20 DP ISOCLEAN Certified Lubricants deliver value through:

- **Ready to use** — Enables users to meet stringent original equipment manufacturers' cleanliness standards for fill lubricants.
- **Flexibility** — ISO Cleanliness targets can be customized to fit your business application needs.
- **Peace of mind** — Each delivery of Chevron ISOCLEAN Certified Lubricant includes an ISOCLEAN Certificate of Analysis.
- **OE fluid cleanliness requirements** — Customized to meet specific equipment manufacturers' fluid cleanliness requirements.
- **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 ISOCLEAN Certified Lubricants 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 ISOCLEAN Certified Lubricants 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

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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high degree of water tolerance, good water separability and base retention properties.

APPLICATIONS

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

Taro 20 DP ISOCLEAN Certified Lubricants meet the requirements of most major marine diesel engine manufacturers.

Consult with your Chevron Lubricant Representative or Chevron ISOCLEAN Certified Lubricants Marketer to set specific ISO Cleanliness targets for your business application.

TYPICAL TEST DATA

SAE Grade	30(X)	40(X)
<i>Product Number</i>	293142	293143
<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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