



marine products

Taro® DP and XL Series



Description

Taro® DP and XL series lubricants are high-performance diesel engine oils for medium-speed trunk piston diesel engines. Taro DP and XL series are blended with highly refined base oils and carefully selected additives. Taro DP and XL series lubricants have very good viscosity control when used in severe high-temperature service, and the BN retention characteristics helps to prevent corrosive wear over long periods of operation. The unique detergent and dispersant additive system promotes piston cleanliness as well as control of fuel contaminants. This results in extreme reduction of both “hot” (piston lands and grooves, piston undercrown, purifier preheaters) and “cold” (crankcase, cambox, rocker area, fuel pumps, purifier bowl) deposits. Taro DP and XL series lubricants provide a high degree of water tolerance and have good water separation.

Typical Characteristics

	Taro 20 DP 30 / 40 (X)*	Taro 30 DP 30 / 40 (X)*	Taro 40 XL 40 (X)*	Taro 50 XL 40 (X)*
SAE Viscosity Grade	30 / 40	30 / 40	40	40
MPID	219230 / 219240	219231 / 219241	219243	219244
Base number, mg KOH/g (ASTM D2896)	20	30	40	50
Density at 15°C, kg/l (ASTM D4052)	0.90	0.91	0.91	0.92
Density at 15°C, lb/gal (US) (ASTM D4052)	7.51	7.59	7.59	7.68
Flash point, COC, °C (ASTM D92)	180 min	180 min	180 min	180 min
Pour point, °C (ASTM D97)	-12	-12	-12	-12
Kinematic Viscosity at 40°C, mm ² /s (ASTM D445)	94.0 / 135.0	94.0 / 135.0	135.0	135.0
FZG test (A/8.3/90), failure load stage (CEC-L-07-95)	12	12	12	12

* Depending on the port designated, products may be delivered with or without the (X) identifier — e.g., Taro 20 DP 30X or Taro 20 DP 30 — however, the product typical test data both with or without the (X) identifier are miscible and fully compatible.

Recommended Applications

Taro DP and XL series lubricants are recommended for medium-speed trunk piston diesel engines burning residual or marinediesel fuels. Taro DP and XL series should be used in accordance with OEM guidelines and recommendations. The good load carrying capacity of Taro DP and XL series lubricants also makes these suitable for use in engine reduction gears and other applications where EP properties are required.

Taro DP and XL Series Lubricants are approved for:

☒ **Everlence** (formerly MAN ES)
☒ **Wärtsilä and MaK**
☒ **(Caterpillar) Rolls Royce Bergen**

☒ **Daihatsu**
☒ **Hyundai Himsen**
☒ **Yanmar**



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Performance Benefits**1. Engine Protection**

Controls cylinder liner wear effectively and helps to protect bearings from corrosion. High performance, anti-wear additives can provide protection against wear for cams, camshaft and bearings. Taro® DP and XL series lubricants also promotes a high degree of water tolerance and anti-foam protection.

2. Engine Cleanliness

Helps to ensure clean crankcases, piston interiors and lubricating oil lines.

3. Easy Purification

Effective water and contaminants handling.

4. Smooth Operation

Helps to provide minimum maintenance and downtime, long engine life and economical operating costs.

Environment, Health and Safety

Information is available on this product in the Safety Data Sheet (SDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain an SDS for this product visit chevronmarineproducts.com.



Disclaimer. Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations which do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Recommendations differ between engine manufacturers so always consult your manual. Neither Chevron nor its subsidiaries make any warranty or representation as to the accuracy or completeness of this PDS and neither Chevron nor its subsidiaries accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.