



Taro[®] DP Series

Medium-speed engine oils

Product Data Sheet

Product description

Taro DP Series lubricants are high-performance, medium- to high-BN, diesel engine oils for medium and high-speed trunk piston diesel engines. Taro DP Series lubricants are specially developed for use in medium-speed, trunk piston diesel engines burning residual fuels with a maximum sulphur content up to 4%. Taro 20 DP can also be used in combination with marine diesel or gas oil. Taro DP Series 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 the most severe operating conditions.

Taro DP Series lubricants have very good viscosity control when used in severe high-temperature service, and their excellent BN retention characteristics prevent corrosive wear over long periods of operation. The unique detergent and dispersant additive system provides outstanding 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 Series lubricants provide a high degree of water tolerance and have good water separation and base retention properties.

Recommended Uses

Taro DP Series lubricants are recommended for all types of trunk piston diesel engines burning 1) marine diesel oil or low sulphur heavy fuels with a sulphur content up to 2% [Taro 20 DP]; or 2) residual fuels with a maximum sulphur level of 4% [Taro 30 DP]. Taro DP Series lubricants are approved by all major OEMs.

Performance Benefits

Wear Protection

- High BN levels control cylinder liner wear effectively and protect bearings from corrosion. High-performance, antiwear additives provide excellent protection against adhesive wear for cams, camshaft and bearings. Taro DP Series lubricants also provide a high degree of water tolerance and antifoam protection.

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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 Prevention

- Prevents corrosion of engine parts when the engine is not in operation.

Balanced Additive Combination

- Provides minimum maintenance and downtime, long engine life and economical operating costs.

Typical test data

TARO DP SERIES	RESULTS	
TEST	Taro 20 DP 30	Taro 20 DP 40
Product Name	Taro 20 DP 30	Taro 20 DP 40
SAE Viscosity Grade	30	40
Product Code	560048	560049
Base number, mg KOH/g	20	20
Density, 15 °C, kg/l	0.90	0.90
Flash Point COC, °C	240	240
FZG test (A/8.3/90) failure load stage	12	12
Pour Point, °C	-12	-12
Sulphated Ash, %mass	2.5	2.5
Viscosity Kinematic		
- at 40 °C, mm ² /s (cSt)	95	135
- at 100 °C, mm ² /s (cSt)	11.0	14.0
Viscosity index	100	100



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continued

Typical test data

TARO DP SERIES	RESULTS	
TEST	Taro 30 DP 30	Taro 30 DP 40
Product Name	Taro 30 DP 30	Taro 30 DP 40
SAE Viscosity Grade	30	40
Product Code	560059	560060
Base number, mg KOH/g	30	30
Density, 15 °C, kg/l	0.90	0.90
Flash Point COC, °C	240	240
FZG test (A/8.3/90) failure load stage	12	12
Pour Point, °C	-12	-12
Sulphated Ash, %mass	3.7	3.7
Viscosity Kinematic		
- at 40 °C, mm ² /s (cSt)	95	135
- at 100 °C, mm ² /s (cSt)	11.0	14.0
Viscosity index	100	100

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Lubricants; Africa, Middle East and Pakistan.

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) 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 a MSDS for this product, visit www.caltexoils.com.

For more information, go to www.chevronlubricants.com