



Taro[®] 20 DP

Medium-speed engine oils

Product Data Sheet

Product description

Taro 20 DP is a high-performance, medium-alkaline, diesel engine oil for medium and high-speed trunk piston diesel engines. Taro 20 DP is specially developed to use in medium-speed, trunk piston diesel engines burning low sulphur heavy fuels, marine diesel oil or gas oil. Taro 20 DP is 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 20 DP has 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 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 20 DP provides a high degree of water tolerance and has good water separation and base retention properties. Taro 20 DP meets the requirements of API service classification CF.

Recommended Uses

Taro 20 DP is recommended for all types of trunk piston diesel engines burning marine diesel oil or low sulphur heavy fuels with a sulphur content up to 2%. Taro 20 DP is approved by all major marine diesel engine manufacturers.

Performance Benefits

Wear Protection

- High alkalinity 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 20 DP also provides a high degree of water tolerance and antifoam protection.

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Global Lubricants





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 20 DP	RESULTS	
TEST		
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

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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