FUEL AND MARINE MARKETING

Taro 16 XD

DESCRIPTION

Taro 16 XD is a high performance medium alkaline diesel engine oil for medium and high-speed trunk piston diesel engines.

Taro 16 XD is a 16 BN oil, blended from carefully refined high quality base oils in combination with a specially developed package containing alkaline detergents, dispersants, oxidation and corrosion inhibitors, and anti-wear agents. Taro 16 XD meets the requirements of API Service Classification CF.

TYPICAL CHARACTERISTICS

SAE Viscosity Grade	30	40
Code	41676	41677
Base number, mgKOH/g	16	16
Density at 15°C, kg/l	0.894	0.899
Flash point, COC, °C	240	240
FZG test (A/8.3/90), failure load stage	12	12
Pour point, °C	–15	–15
Sulphated ash, mass %	1.95	1.95
Viscosity, kinematic, mm^2/s (cSt)		
at 40°C	98	139
at 100°C	11.0	14.0
Viscosity index	97	97

RECOMMENDED USES

Taro 16 XD is recommended for the lubrication of medium and high-speed turbo charged and naturally aspirated diesel engines, operating on gas oil and marine diesel oil containing low to medium sulphur levels (up to 1.8%). Taro 16 XD meets the requirements of the major high and medium-speed marine diesel engine manufacturers.

Taro 16 XD is especially developed for marine and power generation applications. Taro 16 XD is highly suitable for applications which include a separator in the lubrication system. Taro 16 XD can be used in a multitude of applications such as reduction gears, air compressors, medium loaded gear applications, stern tubes, propulsion and auxiliary engines. This allows a reduction in the number of oils on board.

PERFORMANCE BENEFITS

1. **Wear protection**
   Possesses superior anti-wear characteristics in order to reduce wear on all moving engine components. Controls ring and liner wear through its ability to neutralize acids formed by the combustion of sulphur in fuel, thereby permitting longer overhaul periods. Contains high performance anti-wear additives, providing excellent protection for cams, camshaft and bearings.

2. **Detergent/Dispersant Properties**
   Prevents the formation of high temperature piston deposits, as well as low temperature sludge, in order to guarantee continuous oil flow inside the engine.

3. **Oxidation Stability**

   Provides a very high thermal and oxidation stability withstanding high thermal stresses of high output trunk piston engines and reducing undercrown deposits.

   Offers protection against liner lacquer formation, and is therefore suitable for use in low sulphur gas oil applications under high load conditions.

4. **Rust Prevention**
   The product is formulated to provide excellent rust protection as required in stern tube applications.

5. **Balanced Additive Combination**
   Ensures high quality performance with excellent overall protection. Provides minimum maintenance and down-time, long engine life and economical operating costs.