

Taro[®] Ultra 70

Slow-speed engine oils



Product description

Taro Ultra is a range of cylinder lubricants specifically designed to cope with the demands and required flexibility for IMO 2020. Taro[®] Ultra cylinder lubricants have been fully field tested by Chevron using a wide variety of fuels expected to be available post IMO 2020 implementation.

Customer benefits and product features

Customer benefits

- **Helps Engine Protection**
Effective acid neutralization helps protect against excessive cylinder liner and piston ring wear which may result from the use of high sulphur heavy fuel oils and can shorten cylinder liner and piston ring life.
- **Engine Cleanliness**
Helps to prevent ring sticking and minimize deposit formation on the pistons and throughout the combustion chamber exhaust areas.
- **Storage Stability**
Stable at ambient temperature and during long-term storage.
- **Compatibility**
Compatible with diesel cylinder lubricants that are generally known to the international marine trade.
- **Operating costs**
If oil feed rate is above the minimum recommended by the OEM, there is potential to move to a higher base number formulation to provide the same level of alkalinity and corrosion protection but at lower feed rates, which can help reduce operating costs.

Product features

Taro Ultra 70 is a 70 Base Number (BN) cylinder lubricant designed for lubricating two-stroke / slow-speed crosshead diesel engines running on low sulphur fuels but corrosive operating conditions or older mild corrosive engines equipped with exhaust abatement technologies using heavy fuel oil. Taro Ultra 70 is blended with highly refined base oils and carefully selected additives to provide excellent ring and liner wear protection and piston cleanliness in slow-speed crosshead diesel engines.

Applications

All Taro Ultra 70 is recommended by Chevron for lubricating the cylinders of large two-stroke / slow-speed crosshead diesel engines running on low Sulphur fuels but corrosive operating conditions or older mild corrosive engines equipped with exhaust abatement technologies using heavy fuel oil. Taro[®] Ultra 70 should be used in accordance with OEM guidelines and recommendations.

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Product approvals, performance and recommendations

Taro Ultra 70 is developed by Chevron and tested in the field to show it meets the requirements of the following OEMs for use in their products:

- MAN Energy Solutions
- Winterthur Gas & Diesel (formerly Wrtsil Switzerland)

Consult OEM representatives for independent verification, updates and recommendations.

Typical Test Data

TARO [®] ULTRA 70	RESULTS
SAE Grade	50
Product Code	560109
Base No., D2896, mg KOH/g	70
Density, 15 °C, kg/l	0.93
Flash Point COC, °C	180 min
Pour Point, °C	-12
Viscosity, Kinematic @ 100°C, mm ² /s (cSt)	19

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 the Product Information Center.

This Product Data Sheet (PDS) was produced for the Africa, Middle East and Pakistan region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

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