

Taro[®] Ultra 40

Slow-speed engine oils



Product description

Taro[®] Ultra is a new 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 using a wide variety of fuels expected to be available post IMO 2020 implementation and are approved by major OEMs.

Taro[®] Ultra 40 is a Base Number (BN) cylinder lubricant designed for lubricating the latest generation two-stroke / slow-speed crosshead diesel engines running on low sulphur fuels under all loads and operating conditions.

Customer benefits and product features

Customer benefits

- **Engine protection**
Effective acid neutralization ensures protection against excessive cylinder liner and piston ring wear, resulting, thus extending components service intervals.
- **Engine cleanliness**
Prevents ring sticking and minimizes 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 generally known to the international marine trade.

Product features

- Taro Ultra 40 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.

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Applications

Taro Ultra 40 is recommended for lubricating the cylinders of large two-stroke / slow-speed crosshead diesel engines continuously using low Sulphur fuel, under all loads and operating conditions. Running on low Sulphur fuel requires the reduction of base introduced into the cylinder. This can be achieved by optimizing the oil federate or selecting a diesel cylinder lubricant with a lower base number. Taro Ultra 40 should be used in accordance with OEM guidelines and recommendations.

Approvals, performance and recommendations

Taro Ultra 40 is approved against:

- MAN Energy Solutions
- Winterthur Gas & Diesel (formerly Wärtsilä Switzerland))

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Typical test data

TARO ULTRA 40	
SAE Viscosity Grade	50
Product Code	560112
Base number, mg KOH/g	40
Density, 15°C, kg/l	0.92
Flash Point COC, °C	180 min
Pour Point, °C	-12
Kinematic Viscosity @ 100°C, mm ² /s (cSt)	19

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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 Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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