



Taro® Ultra 20

Slow-speed Two-stroke engine oils

Product Data Sheet

Product description

Taro® Ultra 20 is a 20 Base Number (BN) cylinder lubricant designed for lubricating the latest generation two-stroke / slow-speed crosshead diesel engines operating at high mechanical and thermal loads under all operating conditions on low sulphur fuels (<0.1% sulphur), including those in continuous operation within Emissions Control Area (ECA) zones and LNG operation.

Taro Ultra 20 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.

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

Applications

- Taro Ultra 20 is recommended for lubricating the cylinders of large two-stroke / slow-speed crosshead diesel engines continuously using low Sulphur fuel (<0.1% sulphur), under all loads and operating conditions, including those in continuous operation within Emissions Control Area (ECA) zones. Running on low Sulphur fuel (<0.1% sulphur) requires the reduction of base introduced into the cylinder

A Chevron company product

- Taro Ultra 20 is targeted towards MAN Energy Solution and Winterthur Gas & Diesel (Wärtsilä) for use in the latest generation engine designs, including WINGD dual fuel engines operating with gaseous fuel. Taro Ultra 20 should be used in accordance with OEM guidelines and recommendations.

Performance standards

- MAN Energy Solutions (MAN ES) – *No Objection Letter (NOL)*
- Winterthur Gas & Diesel (formerly Wärtsilä) – *No Objection Letter (NOL)*

Typical properties

TARO ULTRA 20	
TEST	RESULTS
SAE Viscosity Grade	50
Product Code	560116
Base number, mg KOH/g	20
Density, 15 °C, kg/l	0.90
Flash Point COC, °C	220 min
Pour Point, °C	-12
Kinematic Viscosity at 100 °C, mm ² /s (cSt)	19

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