



Taro® Special

Marine Diesel Cylinder Oils

Premium quality, highly alkaline lubricants specifically designed for the cylinder lubrication of all crosshead-type marine diesel engines burning high sulfur residual fuels.

APPLICATIONS

Cylinder lubrication of all marine crosshead-type diesel engines operating in both marine and stationary service, and burning heavy residual type fuel oils. Particularly recommended where fuel sulfur content is higher than 3%. Specific applications by grade are:

Taro Special 70 (70 Base Number)

- Recent design engines operating at high specific outputs and high thermal loads where manufacturers consider a high level of alkalinity will provide the necessary protection, and the use of an SAE 50 grade is specified.

Taro Special 50 (50 Base Number)

- Engines operating under less severe conditions or lower fuel sulfur content where a moderate level of alkalinity will provide the necessary protection, and the use of an SAE 50 grade is specified.

BENEFITS

★ Extends ring and liner life

Highly alkaline detergent additive system ensures that acidic by-products from the combustion of high sulfur fuel are effectively neutralized to minimize ring and cylinder liner wear.

★ Reduces maintenance costs

Special combination of highly refined base oils and highly detergent additive system minimizes deposit formation in the ring belt zone to prevent ring sticking. Deposits are also minimized in the combustion chamber and exhaust areas. High viscosity and lubricity maintain an oil film under the most severe, high load conditions, thereby reducing frictional wear and preventing scuffing of liners, pistons and rings.

★ No storage or handling problems

Formulation is carefully balanced to provide excellent long time storage stability under all ambient temperatures. It is fully miscible and compatible with recognized competitive single phase alkaline cylinder lubricants generally known to the international marine trade.

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Caltex Material Safety Data Sheet (MSDS) and Caltex 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.

KEY PROPERTIES

	Taro Special 50	Taro Special 70
SAE Grade	50	50
Base No., D2896, mg KOH/g	50	70
Pour Point, °C	-12	-12
Sulfated Ash, m %	7.0	9.5
Viscosity, Kinematic		
mm ² /s @ 40°C	211	211
mm ² /s @ 100°C	19.0	19.0
Viscosity Index	101	101

0408

A ChevronTexaco Product

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 ChevronTexaco Global Lubricants

