



# Taro® Special HT LF

### Description

Taro® Special HT LF is a high-performance 25 BN SAE 50 cylinder lubricant intended for lubricating the cylinders of the latest generation crosshead engines running on low sulphur fuel.

Taro Special HT LF is blended from highly refined base oils and carefully selected additives to provide excellent ring and liner wear protection and excellent piston cleanliness in low-speed crosshead engines. Taro Special HT LF has been developed for low sulphur fuel applications.

### Typical Characteristics

<b>SAE Viscosity Grade</b>	<b>50</b>
<b>Code</b>	<b>219010</b>
Base number, mg KOH/g	25
Density at 15°C, kg/l	0.90
Flash point, COC, °C	280
Pour point, °C	-12
Sulphated ash, % wt	3.1
Viscosity, kinematic, mm <sup>2</sup> /s (cSt) at 100°C	19.5

### Recommended Uses

Taro Special HT LF is recommended for the cylinder lubrication of large crosshead diesel engines operating on low sulphur fuels at different power outputs and different thermal loads, including those in continuous operation within ECA zones. Running on low sulphur fuels requires optimized introduction of base into the cylinder. This can be achieved by optimizing the oil feed rate and selecting a diesel cylinder lubricant with a lower base number. Taro Special HT LF meets MAN Diesel & Turbo and Wärtsilä requirements, with NOLs issued.

### Performance Benefits

#### 1. Wear and Corrosion Protection

Protects against cylinder liner and piston ring wear and corrosion.

#### 2. Detergent/Dispersant Properties

Helps prevent ring sticking and minimizes deposit formation throughout the combustion chamber exhaust areas.

#### 3. Excellent Lubrication Properties

Maintains an oil film under different load conditions, thereby reducing frictional wear and helping to prevent scuffing of liners, pistons and rings.