



ORCA 5040

DESCRIPTION

ORCA 5040 is a premium quality, high-performance 40 BN SAE 50 cylinder lubricant intended for lubricating slow-speed engines using low sulfur fuel at very high mechanical and thermal loads. It is blended from highly refined base oils and carefully selected additives to provide superior ring and liner wear protection and excellent piston cleanliness in slow-speed crosshead engines. ORCA 5040 provides superior protection from adhesive and corrosive wear from high-pressure and high-temperature applications.

FEATURES AND BENEFITS

- Exceptional anti-wear properties
- Outstanding detergency capability
- Excellent thermal and oxidation stability
- Fully miscible and compatible with single-phase alkaline diesel cylinder lubricants

APPLICATION

ORCA 5040 is recommended for cylinder lubrication of marine crosshead 2-stroke engines burning continuous low sulfur fuel (<1.5 wt% sulfur). Appropriate feed rates should be verified by through-the-ports inspection of liners to ensure adequate oil film.

TYPICAL SPECIFICATION

SAE GRADE		50
Kinematic Viscosity at 40°C (cSt)	ASTM D445	226
Kinematic Viscosity at 100°C (cSt)	ASTM D445	19.0
Viscosity Index	ASTM D2270	102
Flash Point COC (°C)	ASTM D92	263
Pour Point (°C)	ASTM D97	-9
TBN (mgKOH/g)	ASTM D2896	40