



Ursa[®] Marine 15W-40

Description

Ursa[®] Marine 15W-40 is a high-quality, heavy-duty diesel crankcase lubricant. Manufactured from high-quality base oils and compounded with additives, Ursa Marine 15W-40 provides outstanding lubrication of turbo-charged, high-speed diesel engines under severe operating conditions. It contains detergent/dispersant, antioxidation and anti-wear additives. Ursa Marine 15W-40 meets the API service classification CI-4.

Typical Characteristics

SAE Viscosity Grade	15W-40
Code	219339
Base number, mg KOH/g	11
Density at 15°C, kg/l	0.88
Flash point, COC, °C	238
Pour point, °C	-24
Sulphated ash, mass %	1.5
Viscosity, kinematic, mm ² /s (cSt)	
at 40°C	111
at 100°C	14.6
Viscosity index	134

Recommended Uses

Ursa Marine 15W-40 is recommended for use in heavy-duty (turbo-charged), high-speed diesel engines operating under very severe conditions where an API CI-4 type oil is required. The SAE 15W-40 grade is especially recommended for emergency equipment onboard seagoing vessels such as lifeboat engines and motor-driven fire pumps and emergency compressors. It meets Caterpillar ECF-2 requirements and the European Mercedes Benz 228.3, MAN M3275-1, MAN 271, MTU category 2 and Volvo VDS-3 specifications and the ACEA E7-08 Issue 2 requirements.

Performance Benefits

1. Oxidation Stability & Deposit Control

Enhanced engine efficiency by reducing low temperature sludge build-up and protection against high temperature oxidation and piston deposit formation.

2. Corrosion Protection

Detergency performance and acid control help maintain reliability, by preventing engine and bearing corrosion.

3. Anti-Wear Properties

Maximizing engine life by protection against wear and bore polishing.

4. Minimizing Operating Costs

Preventing unscheduled downtime by providing efficient dispersion of soot particles. The protection against soot related wear and deposits prevents excessive viscosity increase and filter plugging.