

## **SYNTHETIC BLEND HEAVY DUTY ENGINE OIL 0W-30**

### **DESCRIPTION**

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Synthetic Blend HD Motor Oils are a blend of synthetic base oils (PAOs) and high-VI mineral base oil, combined with a balanced additive package. This unique formulation provides a truly premium performance universal heavy duty engine oil.

Synthetic Blend HD 0W-30 is recommended for all naturally aspirated and turbocharged diesel engines used in heavy-duty trucks, agricultural, mining and construction equipment, as well as light duty gasoline powered cars, trucks and vans.

This motor oil is highly suitable for use where cold weather starting can be a challenge.

### **TYPICAL APPLICATION**

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- › Diesel and gasoline engines used in trucks, cars, farm equipment, earthmoving, mining and construction equipment, as well as automotive equipment used in industrial applications.
- › Designed for extended oil drain intervals in diesel-powered, on-road vehicles and off-road equipment.
- › Longer drain intervals in gasoline powered vehicles are also achievable.

### **FEATURES & BENEFITS**

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- › Synthetic Blend HD Motor Oils offer the end user improved performance and longer equipment life.
- › Provides optimum fuel economy, oil consumption control, and low temperature pumpability (down to -45°C).
- › At low temperatures, these 0W oils demonstrate good fluidity for fast start-up lubrication of critical parts, while at operating temperatures they have sufficient viscosity to maintain the protection of these components.

## MEETS AND/OR EXCEEDS

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- › API Service CI-4+, CH-4, CG-4, CF-4, CF, CF-2, SJ, SH
- › MACK EO-M Plus
- › Cummins CES 20076, 20072, and 20071
- › Volvo VDS-2
- › MTU type1
- › Mercedes Benz - 228.1
- › Caterpillar ECF-1a
- › AECA A2-96 Issue 3 (2002), E2-96 Issue 5 (2007)
- › Man 271

## TYPICAL PROPERTIES

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SAE VISCOSITY GRADE	OW-30
Density, kg/L @ 15°C	0.880
Viscosity, cSt @	
40°C	63
100°C	11.9
Viscosity Index	169
Pour Point, °C / °F	-51/-60
Colour (D1500)	4.0

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations would be normal.

## HEALTH & SAFETY

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A complete material safety data sheet is available upon request. Used motor oil contains combustion by-products which may be harmful. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute - return used oil to a collection center.