



Product Data Sheet

Synthetic Blend HD Motor Oils 0W-30 & 0W-40

Synthetic Blend Heavy Duty Diesel Engine Oil

DESCRIPTION

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 and 0W-40 are 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. These motor oils are highly suitable for use where cold weather starting can be a challenge.

Features & Benefits

Synthetic Blend HD Motor Oils offer the end user improved performance and longer equipment life. In addition, these motor oils provide 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.

Applications

Synthetic Blend Heavy Duty Engine Oils are recommended for diesel and gasoline engines used in trucks, cars, farm equipment, earthmoving, mining and construction equipment, as well as automotive equipment used in industrial applications. These oils are designed for extended oil drain intervals in diesel-powered, over-the-road vehicles and off-road equipment. Longer drain intervals in gasoline powered vehicles are also possible.

Meets and/or exceeds

- 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



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- Caterpillar ECF-1a
- AECA A2-96 Issue 3 (2002), E2-96 Issue 5 (2007)
- Man 271

Typical Characteristics – Synthetic Blend HD Motor Oils

SAE Grade	0W-30	0W-40
Density, kg/L @ 15 °C	0.880	0.872
Viscosity		
cSt at 40°C	63	86
cSt at 100°C	11.0	14.7
Viscosity index	169	180
Pour point °C (°F)	-51 (-60)	-51 (-60)
Colour (D1500)	4.0	4.0

Physical characteristics shown in the table are typical and may vary slightly.