

Heavy-Duty Motor Oils

SAE Grades: 10W, 20W-20, 30, 40, 50

Premium Performance for Diesel & Gasoline Engines

Product Description

Heavy-Duty Motor Oils are high-performance, single-grade crankcase lubricants designed to deliver reliable protection in both diesel and gasoline engines. Blended from premium-quality, highly refined base oils and fortified with a robust additive system, these oils provide superior performance in a wide range of severe operating environments.

Each grade is expertly engineered with detergents, dispersants, anti-wear agents, oxidation inhibitors, rust and corrosion protectants, and foam suppressants to ensure optimal engine cleanliness, wear control, and long-lasting performance.

Applications

Ideal for use in:

- Heavy-duty diesel trucks and off-highway equipment
- Four-cycle gasoline engines in automotive, fleet, and industrial service
- Systems requiring Allison C-3 or C-4 performance (SAE 10W through 30)

Meets or exceeds the performance requirements of:

- MIL-PRF-2104G (SAE 10W, 30, 40)
- MIL-L-2104B and MIL-L-46152D
- Obsolete API Service Classifications: CD, CD-II, CE, CF, CF-2 - Major OEM specifications including: Caterpillar, Cummins, Detroit Diesel-Allison, Mack Truck

***Not suitable for EMD diesel engines (railroad/marine) requiring <10 ppm zinc.**

Typical Properties

SAE Grade	10W	20W-20	30	40	50
Viscosity, cSt @ 40°C	42	72	114	155	233
Viscosity, cSt @ 100°C	6.5	8.8	11.8	15.1	18.7
Viscosity Index	+90	+90	+90	+90	+90
Flash Point, °F (COC)	+400	+420	+435	+450	+465
Pour Point, °F	-25	-20	-5	0	+5
Sulfated Ash, % wt	<1.0	<1.0	<1.0	<1.0	<1.0
TBN (Neut. No., min)	7.5	7.5	7.5	7.5	7.5
API Gravity	27.9	27.2	26.5	25.5	24.9

*The values shown are typical of current production. Some are controlled in the manufacturing process while others are not. All of them may vary within tolerable ranges.