

Synthetic HD 0W-40, 5W-30, & 5W-40 Multigrade Heavy-Duty Motor Oil

For EGR, DPF, and DOC-Equipped Diesel Engines | Premium All-Season Synthetic Protection

Product Description

Synthetic HD 0W-40, 5W-30 and 5W-40 Multigrade Heavy-Duty Motor Oils are designed for exceptional year-round performance in demanding diesel engine applications. Formulated with premium synthetic base oils and a robust additive system, these multigrade lubricants meet the latest standards for high-performance diesel engines, including those equipped with EGR, DPF, and DOC emission control technologies. They offer outstanding cold-start fluidity, oxidation stability, wear protection, and soot control to extend engine life under severe service conditions. This product is suitable for use in CK-4 applications but is not API licensed.

Key Features & Benefits

- Advanced synthetic formulation supports extended drain intervals and high thermal stability.
- Outstanding protection under both cold-start and high-load operating conditions.
- Meets performance requirements for EGR, DPF, and DOC-equipped engines.
- High viscosity index ensures consistent lubrication across extreme temperatures.
- Suitable for both diesel and four-cycle gasoline engine applications.

Applications

- Recommended for heavy-duty diesel engines with advanced emission control systems.
- Ideal for mixed fleet service including highway, off-road, and industrial equipment.
- Formulated for engines requiring low-temperature fluidity and high-temperature stability.
- Compatible with Ultra-Low Sulfur Diesel (ULSD) fuel environments

Typical Properties

Property	0W-40	5W-30	5W-40
Viscosity, cSt @ 40°C	83	69	104
Viscosity, cSt @ 100°C	14.3	11.4	15.0
Viscosity Index	180	159	176
Viscosity, CCS @ -35°C (cP)	5900		-
Viscosity, CCS @ -30°C (cP)	-	6190	6498
Flash Point, °C/°F	210 / 410	227/440	227 / 440
Pour Point, °C/°F	-45 / -49	-40/-40	-40 / -40
Sulfated Ash, %wt	1.0	1.0	1.0
TBN (Neutralization No.)	10.0	10.0	10.0
API Gravity @ 60°F	34.3	1.0	32.5

*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.