

HD 15W-40 Multigrade Heavy-Duty Motor Oil

Meeting API Service Levels: CH-4, CI-4, CI-4 PLUS, CJ-4, CK-4

Product Description

HD 15W-40 Multigrade Heavy-Duty Motor Oil is a premium all-season engine oil formulated for commercial diesel engines, including those with EGR and modern emissions control systems. Blended from high-quality base stocks and advanced additive technology, this oil delivers superior protection for engines running on Ultra-Low Sulfur Diesel (ULSD).

Designed to reduce aeration, improve oxidation stability, and enhance wear protection, it meets or exceeds the latest API CK-4 requirements while providing backward compatibility with earlier specifications. Suitable for use in naturally aspirated, turbocharged, and supercharged diesel engines as well as four-cycle gasoline engines.

Applications

Recommended for major diesel and mixed-fleet (diesel/gasoline) engine operations. Especially suited for:

- Engines with Exhaust Gas Recirculation (EGR)
- Diesel Particulate Filters (DPF)
- Diesel Oxidation Catalyst (DOC) systems

Meets or exceeds the following performance requirements:

- API CH-4, CI-4, CI-4 Plus, CJ-4, CK-4
- ACEA E-7-12 & E-9-12
- Mack EO-0 Premium Plus, Mack EOS-4.5
- Renault VI RLD-3, RLD-4
- Caterpillar ECF-3
- Cummins CES 20081, CES 20086
- Detroit Diesel DDC93K218, DDC93K222
- JASO DH-2, MB-228.31, MAN M3575
- MTU 2.1, Deutz DQC III-10 LA
- Ford WSS-M2C171-E, WSS-M2C171-F1 - Volvo VDS-4, VDS-4.5

Typical Properties

Property	15W-40
Viscosity, cSt @ 40°C	117
Viscosity, cSt @ 100°C	15.37
Viscosity Index	137
Viscosity, CCS @ -20°C (cP)	6000
Flash Point, °C/°F	233 / 450
Pour Point, °C/°F	-32 / -25
Sulfated Ash, %wt	1.0
TBN (Neutralization No.)	8.5
HTHS, Vis @ 150°C (cP)	4.4
API Gravity @ 60°F	30.0

*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.