

HD 10W-30 Multigrade Heavy-Duty Motor Oil

API CK-4

Product Description

HD 10W-30 Multigrade Heavy-Duty Motor Oil is a cutting-edge all-season engine lubricant engineered for highway commercial diesel engines, including those with EGR systems and advanced emissions controls. This oil is crafted from premium base stocks and fortified with advanced additive technology to provide maximum protection for engines running on Ultra-Low Sulfur Diesel (ULSD).

It offers improved aeration control, better oxidation resistance, enhanced soot management, and superior wear protection. Fully compatible with 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 effective for:

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

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	10W-30
Viscosity, cSt @ 40°C	78.65
Viscosity, cSt @ 100°C	11.6
Viscosity Index	140
Viscosity, CCS @ -20°C (cP)	6350
Flash Point, °C/°F	216 / 420
Pour Point, °C/°F	-32 / -25
Sulfated Ash, %wt	1.0
TBN (Neutralization No.)	10.0
HTHS, Vis @ 150°C (Cp)	3.5
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.