

LOVE'S 10W-30 PREMIUM OIL



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Love's 10W-30 high performance engine oil is a premium quality heavy-duty multi-grade oil for all season use in diesel-powered or a mix of gasoline and diesel-powered equipment. Love's 10W-30 is leading the way in meeting the enhanced oil requirements of API CK-4 and leading OEM specifications by formulating with Group II based oils and the latest chemistry available.

BENEFITS

- Protects against excessive wear and corrosion
- Controls soot deposits and oil thickening
- Preserve power, fuel economy and emission control
- Speed cold starts
- Longer maintenance intervals

SERVICE REQUIREMENTS

Meets or exceeds the service requirements of:

Love's 10W-30 exceeds requirements API service CK-4, CI-4 plus and all previous requirements

PERFORMANCE REQUIREMENTS

Meets or exceeds the performance requirements of:

- Cummins CES 20086 and 20081
- Volvo VDS-4.5, VDS-4
- Mack EOS-4.5, EO-O Premier
- DFS 93K22, 93K218
- Caterpillar ECF-2, ECF-3
- MAN M3575
- JASO DH-2
- MB-Approval 228.31 MTU Category 2.1
- Duetz DOC III-10 LA



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AVAILABLE INSIDE
LOVE'S TRAVEL STOPS
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NATIONWIDE**



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TYPICAL PROPERTIES

SAE Grade, Automotive Viscosity, cSt	10W-30
at 40°C	78.65
at 100°C	11.6
Viscosity Index	140
Viscosity, CCS, D-5293, -20°C/cP	6350
Flash Point, (COC), °C/°F	216/420
Pour Point, °C/°F	-32/-25
Sulfated Ash, %wt	1.0
Neutralization No., TBN-E	9.2
HTHS, Vis/cP, D-4683	3.5
Gravity, API @ 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.

APPLICATIONS

Recommended for all major diesel and mixed fleet (diesel/four-cycle gasoline) engine operations in all service and under all operating conditions where the equipment owner specifies the additional performance benefits of multigrade oils. This product is preferable for newer diesel engines with EGR systems and those equipped with Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC) technologies.

BENEFITS

Special HD 10W-30 Multigrade, API CK-4, is the most current formulated heavy duty motor oil for all-season use in highway commercial diesel engines, including EGR equipped engine emission controlled systems. The product is manufactured from selected premium quality base stocks with additive technology to provide engine protection for current EPA exhaust particulate emissions standards using Ultra-Low Sulfur Diesel (ULSD).

It meets performance requirements for all naturally aspirated, turbocharged and supercharged, diesel engines as well as all four-cycle gasoline engines. The product reflects API CI-4 Plus test improvements in reducing aeration, better oxidation stability, enhanced soot control, and advanced wear protection.

Special HD 10W-30 meets API current service classifications CH-4, CI-4, CI-4 Plus, CJ-4, and CK-4 and ACEA European Oil Sequences Section E-7-12 & E-9-12. The product satisfies the following engine manufacturer requirements where a SAE 10W-30 is recommended: Mack EO-O Premium Plus, Mack EOS-4.5, Renault VI RLD-3, Renault VI RLD-4, Caterpillar ECF-3, Cummins CES 20081, Cummins CES 20086, Detroit Diesel DDC93K218, Detroit Diesel DDC93K222, JASO DH-2, MB-228.31, MAN M3575, MTU 2.1, Deutz DQC III-10 LA, Ford WSS-M2C171-E, Ford WSS-M2C171-F1 Volvo VDS-4, and Volvo VDS-4.5.



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