

Product Data Sheet



HB-1206 SYNFLEET SYNTHETIC HDMO 10W30 & 15W40 MULTIGRADE CK-4

DESCRIPTION:

SYNFLEET Full Synthetic Heavy Duty Motor Oil (HDMO) 10W-30 & 15W-40 Multigrade CK4 is state-of-the-art heavy-duty motor oil engineered for all-season use in modern highway diesel engines, including those equipped with Exhaust Gas Recirculation (EGR) and advanced emission control technologies. Formulated with quality synthetic base stocks and cutting-edge additive technology, these provide superior protection and performance while meeting EPA particulate emissions standards for Ultra-Low Sulfur Diesel (ULSD) engines.

Benefits include:

- Enhanced oxidation stability for extended drain intervals
- Advanced soot control for cleaner operation
- Superior wear protection for long engine life
- Excellent aeration resistance for consistent lubrication

APPLICATIONS:

Recommended for all major diesel and mixed-fleet (diesel/gasoline) engine operations under all service conditions. Ideal for engines with:

- Exhaust Gas Recirculation (EGR)
- Diesel Particulate Filters (DPF)
- Diesel Oxidation Catalyst (DOC) technologies

Meets or exceeds the following performance standards:

- 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

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Typical Properties

Property	10W-30	15W-40
Viscosity, cSt @ 40°C	71	103
Viscosity, cSt @ 100°C	10.95	15.20
Viscosity Index	154	154
Viscosity, CCS @ -25°C (cP)	5500	—
Viscosity, CCS @ -20°C (cP)	—	4000
Flash Point, °C/°F	227 / 440	240 / 465
Pour Point, °C/°F	-36 / -34	-36 / -34
Sulfated Ash, %wt	0.9	0.9
TBN (Neutralization No.)	9.0	9.0
HTHS, Vis @ 150°C (cP)	3.4	4.3
API Gravity @ 60°F	33.4	32.4

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.

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