

## PRODUCT INFORMATION



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# L-605-P-FS Full Synthetic HD Motor Oil Synthetic CK-4 15W40

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### DESCRIPTION:

**L-605-P-FS Motor Oil CK4 15W40** 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 test improvements in reducing aeration, better oxidation stability, enhanced soot control, and advanced wear protection.

**L-605-P-FS Motor Oil CK4 15W40** meets API current service classifications CH-4, CI-4, CI-4 Plus, and 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: Mack EO-0 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 WSSM2C171-E, Ford WSS-M2C171-F1 Volvo VDS-4, and Volvo VDS-4.5.

### FEATURES/BENEFITS:

**L-605-P-FS Motor Oil CK4 15W40** is 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. performs well in low emission diesel engines which increase the demands on engine lubricants.

### TYPICAL TEST DATA

	SAE Grade 15w40	Synthetic CK-4
Gravity, ASTM D 4052, API @ 60 F		32.6
Pounds Per Gallon		7.4
Flash Point 'F		460
Viscosity Kinematic cSt at 100'C		15.5
Viscosity Kinematic cSt at 40'C		110.1
Viscosity Index, ASTM D 2270		150
HTHS Rate Vis at 150'C & 106 sec-1, cP		4.4
CCS Vis, ASTM D 5293, cP at 'C		6000 AT-20c
Pour Point ASTM D97, F		-38
Sulfated ASTM D 874, %M		1.0
TBN ASTM D2896		9.3