

# TECHSELECT® SYNTHETIC BLEND HEAVY DUTY ENGINE OIL

Manufactured with refined base oils and licensed chemical additives

**DESCRIPTION:** TechSelect® Synthetic Blend SAE 15W40 API CK-4 Heavy Duty Engine Oil is formulated with highly refined base oils and licensed Lubrizol chemical additive technology for use in high-speed four-stroke diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. This oil is formulated to use in all applications with diesel fuels ranging in sulfur content up to 500 ppm TechSelect® Synthetic Blend SAE 15W40 API CK-4 Heavy Duty Engine Oil is designed to provide enhance protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase.

**PERFORMANCE BENEFITS:** TechSelect® Synthetic Blend SAE 15W40 API CK-4 Heavy Duty Engine Oil suitable for use for Detroit™ DFS 93K222, Cummins® CES 20086. Volvo® VDS-4.5. Mack® EOS-4.5, Renault® RLD-4, Ford® Specification WSS-M2C171-F1 and is licensed against API Service Classification CK-4, CJ-4, CI-4 PLUS, CI-4 and CH-4.

Also meets or exceeds the following tests and requirements of: Cummins® CES 20081, Detroit™ DFS 93K218, Mack® EO-O Premium Plus, EO-N, Volvo® VDS-4, VDS-3, Renault® RLD-3, Caterpillar® ECF-3, ECF-2, and ECF-1a, Mercedes -Benz 228.31, MTU Category 2.1 and ACEA E9 and E7.

**TYPICAL PROPERTIES\*:**

Product Data	Test Method	Typical
@ 40° C, cST	D445	111
@ 100°C, cST	D445	15.1
Viscosity Index	D2270	142
Pour Point °C (°F)	D97	-35 (-31)
Flash Point °C (°F)	D92	236 (457)
Sulfated Ash, wt. %	D874	1.0
Cold Crank Simulator, cP	D5293	5250/-20°C
Mini-Rotary Viscometer TPI, cP	D4684	19700/-25°C
High Temperature High Shear, HTHS @150°C, cP	D4683	4.1
TBN	D2896	10



Commitment To Quality

\* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

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