



ESC PLUS

SAE 10W-30, SAE 15W-40

DIESEL ENGINE OIL

BLUE RIBBON EXHAUST/SOOT CONTROL meets performance requirements of API CK-4 synthetic blend universal fleet engine oil developed for use in four-stroke cycle diesel engines designed to meet on-highway exhaust emission standards. It is specially formulated to protect exhaust aftertreatment devices such as diesel particulate filters (DPFs) and diesel oxidation catalysts (DOCs). It also is backward serviceable for use in earlier model diesel engines where API CJ-4, CI-4+, CI-4, CH-4, CG-4 or CF-4 oils are specified.

FEATURES & BENEFITS:

BLUE RIBBON EXHAUST/SOOT CONTROL is designed for use in mixed fleets with both on-highway and off-road equipment operating in varying climates and under varying loads and service conditions. It has excellent soot dispersancy to protect against soot-induced oil thickening and abrasive wear, and excellent oxidation resistance to help minimize deposit formation. The low-ash formulation is designed for compatibility with all exhaust emission control systems in modern diesel engines, and to help prolong DPF life.

APPLICATIONS:

BLUE RIBBON EXHAUST/SOOT CONTROL meets or exceeds the requirements of API Service CK-4, CJ-4, CI-4+, CI-4, CH-4, CG-4, CF-4 and SN, and is approved under the latest OEM specifications from Caterpillar, Cummins, Detroit Diesel, Mack, Mercedes and Volvo for use in their low-emissions engines. It is formulated for use in diesel engines operating on diesel fuels with sulfur content up to 500 ppm. However, for applications not using Ultra-Low Sulfur Diesel (ULSD), consult the engine manufacturer for recommended service interval.

SAE 10W-30

- API Service CK-4, CJ-4, CI-4
- Cummins CES 20086
- Detroit Diesel DFS 93K222
- Mack EOS 4.5
- Mercedes-Benz Sheet 228.31
- MTU MTL 5044 Type 2.1
- Renault VI RLD-4
- Volvo VDS-4.5
- ACEA E9-12
- Ford WSS-M2C171-F1

SAE 15W-40

- API Service CK-4, CJ-4, CI-4 PLUS, SN
- Cummins CES 20086
- Detroit Diesel DFS 93K222
- Mack EOS 4.5
- Mercedes-Benz Sheet 228.31
- MTU MTL 5044 Type 2.1
- Renault VI RLD-4
- Volvo VDS-4.5

AVAILABILITY:

BLUE RIBBON EXHAUST/SOOT CONTROL is available in bulk and drums throughout the Blue Ribbon marketing area.

DECKMAN OIL COMPANY, INC.

9 Norton Street • Honeoye Falls, N.Y. 14472

phone: (585) 624-1630 • (800) 836-0562

fax: (585) 624-2142 • www.deckmanoil.com



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TYPICAL PROPERTIES	ASTM	10W-30	15W-40
Flash Point, COC, °C/°F	D92	226/439	220/428
Kinematic Viscosity cSt @ 40°C cSt @ 100°C	D445	114 15.4	80.1 12.0
Viscosity Index	D2270	142	145
High Temp/High Shear Viscosity cP @ 150°C	D4683	4.1	3.5
Cold Cranking Viscosity, cP @ °C/°F	D5293	5000 (-20/-4)	5570 (-25/-13)
Pour Point, °C/°F	D5950	-36/-33	-42/-44
Borderline Pumping Viscosity cP @ °C/°F	D4684	19880 (-25/-13)	18160 (-30/-22)
Sulphated Ash, % wt	D874	1.0	1.0
Base No. (BN), mg KOH/g	D2896	9.8	10.0

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