



SAE 15W-40 EXHAUST/SOOT CONTROL

API CJ-4 DIESEL ENGINE OIL FOR LOW-EMISSION ENGINES

BLUE RIBBON EXHAUST/SOOT CONTROL is an API CJ-4 universal fleet engine oil developed for use in four-stroke cycle diesel engines designed to meet 2007 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 pre-2007 diesel engines where API CI-4 PLUS, 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 Categories CJ-4, CI-4, CH-4, CG-4, CF-4 and SM. It is approved under the latest OEM specifications from Caterpillar, Cummins, Detroit Diesel, Mack, Mercedes and Volvo for use in their 2007 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.

- API Service CJ-4, CI-4, CH-4, CG-4, CF-4, SM
- API CI-4 PLUS
- ACEA E7-04, E5-02, E3-96
- Caterpillar ECF-3, ECF-2, ECF-1a
- Cummins CES 20081
- Detroit Diesel Power Guard 93K218, Power Guard 93K214, 7SE270 (4-stroke cycle engines)
- International (Navistar) diesel engines
- Mack EO-O Premium Plus, EO-M Plus
- Mercedes-Benz Sheet 228.3
- Volvo VDS-4, VDS-3, VDS-2



AVAILABILITY:

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

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BLUE RIBBON

15W-40 EXHAUST/SOOT CONTROL

TYPICAL PROPERTIES

SAE GRADE	15W-40
Density, g/cm ³ @ 15.6°C (60°F)	0.879
Color, ASTM D1500	4.0
Flash Point (COC), °C (°F)	227 (441)
Pour Point, °C (°F)	-38 (-36)
Viscosity,	
cSt @ 40°C	117
cSt @ 100°C	15.3
SUS @ 100°F	603
SUS @ 210°F	80.8
Viscosity Index	137
Cold Cranking Viscosity, cP	6,600
@ °C	(-20)
High Temp/High Shear Viscosity, cP @ 150°C	4.3
Sulfated Ash, ASTM D874, wt %	0.97
Total Base Number (TBN), ASTM D2896	8.4
Zinc, wt %	0.121

Due to continual product research and development,
the information contained herein is subject to change without notification.