

# BLUE RIBBON

QUALITY LUBRICANTS SINCE 1974

# ESC 10W-30

## EXHAUST/SOOT CONTROL

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

**BLUE RIBBON EXHAUST/SOOT CONTROL** is an API CK-4 universal fleet engine oil developed for use in four-stroke cycle diesel engines designed to meet 2017 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, 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, CH-4, CG-4, CF-4, 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.

- 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



### AVAILABILITY:

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

**DECKMAN OIL COMPANY, INC.**  
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# BLUE RIBBON 10W-30 EXHAUST/SOOT CONTROL TYPICAL PROPERTIES

Gravity, API	ASTM D-4052	31.6
Density, lbs/gal (g/L)	Calculated	7.23 (867)
Viscosity, cSt @ 40°C	ASTM D-445	83.6
Viscosity, cSt @ 100°C	ASTM D-445	12.2
Viscosity Index	ASTM D-2270	141
CCS @ -20°C, cP	ASTM D-5293	
CCS @ -25°C, cP	ASTM D-5293	6,210
MRV @ -25°C, cP	ASTM D-4684	
MRV @ -30°C, cP	ASTM D-4684	17,300
Pour Point, °F (°C)	ASTM D-5949	-38.2 (-39)
Flash Point, °F (°C)	ASTM D-92	440 (227)
Color	D-6045	5.7
TBN mg KOH/g	ASTM D-2896	8.6
Sulfated Ash, wt. %	ASTM D-874	1.0

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