

ENDUROX LD

MINERAL AND SEMI SYNTHETIC TRUCK ENGINE OILS

Description

A robust engine oil, developed according to the latest oil consumption- and exhaust emission norms. It meets all American Petroleum Institute API CI-4 requirements for Heavy-Duty engine lubricants. It also meets a wide range of OEM specifications. Our Endurox LD range comes with 2 mineral blends and one semi synthetic blend; SAE 10W/40. The base oils used for this semi synthetic blend offers better performance and a longer drain interval.

These are the heavy duty engine oils that have it all. Performance that goes beyond CI-4/SL Worldwide OEM approvals. Mack's tough new EO-M Premium Plus, Cummins 20078, Volvo VDS-3, and more.

So no matter what kind of fleet you operate, these outstanding engine oils give you the proven protection you need to keep running smoothly.

Benefits

Endurox LD fulfills the latest strict norms concerning deposits on the piston crown, the upper piston-ring groove and the rest of the pistons. It ensures both the engine and oil to stay in good condition due to the detergent dopes and the excellent oxidation inhibitors. Wear is limited to a minimum, even under the most severe circumstances.



Performance level 10W/40

- API CI-4/CH-4/SL
- ACEA E7
- MB 228.3
- Volvo VDS-3
- MAN 3275
- MTU Type 2
- Cummins CES 20071/2/6/7/8
- Renault RLD-2
- Mack EO/N, EO/M Plus
- Caterpillar ECF 2/1-a
- Global DHD-1
- JASO DH-1
- DDC 93K215

Performance level 15W/40 and 20W/50

- API CI-4/CH-4/SL
- ACEA E7, A3/B4
- MB 228.3/228.1, 229.1
- Volvo VDS-3
- MAN 3275
- MTU Type 2
- Cummins CES 20071/2/6/7/8
- Mack EO/M Plus, EO/N Premium plus
- Caterpillar ECF-2/ECF 1a
- Global DHD-1
- JASO DH-1
- Allison C4
- Renault RLD-2/ RLD
- Deutz DQC III-10

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Typical Properties

SAE		10W/40 SEMI SYNTHETIC	15W/40 MINERAL	20W/50 MINERAL
Specific Gravity 20 °C	kg/m3	872	881	888
Viscosity 40 °C	cSt	95.0	106	192
Viscosity 100 °C	cSt	14.0	14.3	21.3
Viscosity CCS -15 °C	cP			<9500
Viscosity CCS -20 °C	cP		<7000	
Viscosity CCS -25 °C	cP	<7000		
Viscosity Index		156	140	132
Pour point	°C	-39	-30	-24
Flash point C.O.C.	°C	200	215	215
TNB	mg KOH/g	10.5	10.5	10.5
Operating Temperature	°C	-35/150	-25/150	-20/150