

PRODUCT DESCRIPTION AND APPLICATION



Product Description

Rosneft Revolux D4 10W-40 is a premium fully synthetic engine oil created with unique Revolux technology. It is designed to lubricate high-power diesel engines requiring API CI-4 and ACEA E4, E7 service categories and Euro-V environmental standards. Approved by the world's leading OEM manufacturers.

Application

Rosneft Revolux D4 10W-40 is intended for all-season use in diesel engines of mainline tractors, highway equipment, intercity buses and other equipment requiring Euro-V or lower environmental standards, including those equipped with an exhaust gas recirculation system (EGR) and/or catalytic neutralization system (SCR). The original OEM approvals guarantee a maintenance service during the

warranty period.

APPROVALS AND SPECIFICATIONS

International specifications :

API CI-4; ACEA E4, E7

Approvals:

MB 228.5
MAN M3277
MTU Category 2
Volvo VDS-3
Renault RXD
Cummins CES 20078
Detroit Diesel 93K218
Deutz DQC III-10
MACK EO-N
Scania LDF-2
Avtodizel (YaMZ)
Tutaevsky Motor Plant

Meets requirements:

Caterpillar ECF-1a
MB 228.3, 228.1
MAN M3275-1
MTU Category 1
Volvo VDS-2, VDS
Renault VI RLD-2
Cummins CES 20077/76/72/71

BENEFITS

- Approved by the world's leading machinery manufacturers for extended oil drain intervals, which significantly reduce the maintenance cost;
- High thermal and oxidation stability minimizes the polishing process of the cylinder and reduces the scale and varnish deposits;
- Efficiently neutralizes corrosive compounds formed during fuel combustion, and thus protects the engine components from corrosion;
- Functional additive package forms a protective film which prevents deposit formation, and dispersant additives keep soot particles apart, keeping the engine clean.

PACKAGING

20 L, 216.5 L

Typical physical and chemical properties

Parameter	Test method	Rosneft Revolux D4 10W-40
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	13,5
Cold Cranking Viscosity (CCS) at - 25 °C, mPa·s	ASTM D 5293	4360
Viscosity Index	ASTM D2270	166
Total Base Number (TBN) , mg KOH/g	ASTM D4739	14,5
Sulphated ash, % mass.	GOST 12417	1,7
Flash point, COC °C	ASTM D92	215
Pour Point, °C	ASTM D97	-35
Evaporation Loss, %	ASTM D5800	12,0
Density at 15°C, kg/m ³	ASTM D4052	865