

PRODUCT DESCRIPTION AND APPLICATION



Product Description

Rosneft Revolux D3 5W-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 E7 service categories and Euro-IV environmental standards. Approved by the world's leading and the largest Russian OEM manufacturers.

Application

Rosneft Revolux D3 5W-40 is intended for all-season use in diesel engines of line-haul trucks, mining, road construction and other equipment requiring Euro-IV or lower environmental standards, including those equipped with an exhaust gas recirculation system (EGR). The original OEM approvals guarantee a maintenance service during the warranty period. Ideal for mixed fleets of vehicles with diesel and gasoline engines.

APPROVALS AND SPECIFICATIONS

International specifications:

API CI-4/SL; ACEA E7

Approvals:

KAMAZ
Avtodizel (YaMZ)
Tutaevsky Motor Plant
LiAZ

Meets requirements:

MB 228.3, 228.1
MAN M3275-1, 271
Volvo VDS-3, VDS-2, VDS
Cummins CES 20078/77/76/72/71
Deutz DQC III-10
Renault VI RLD-2, RLD
MTU Category 2/1
MACK EO-N/M Plus
Caterpillar ECF-2, ECF-1a
Global DHD-1
JASO DH-1

BENEFITS

- Approvals by the world's leading machinery manufacturers allow the oil to be used in mixed fleets;
- Viscosity modifier increases shear stability, thereby maintaining the optimal thickness of the oil film and preventing wear of the cylinder surfaces and other engine parts throughout the entire service life;
- 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 3 5W-40
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	15,0
Cold Cranking Viscosity (CCS) at - 30 °C, mPa·s	ASTM D 5293	4700
Viscosity Index	ASTM D2270	189
Total Base Number (TBN) , mg KOH/g	ASTM D4739	11,0
Sulphated ash, % mass.	GOST 12417	1,5
Flash point, COC °C	ASTM D92	210
Pour Point, °C	ASTM D97	-44
Evaporation Loss, %	ASTM D5800	12,0
Density at 15°C, kg/m ³	ASTM D4052	853