

## PRODUCT DESCRIPTION AND APPLICATION



### Product Description

**Rosneft Revolux D3 10W-40** is a semi-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 10W-40** is intended for all-season use in diesel engines of mainline, 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

5L, 20 L, 216.5 L, 1000 L

## Typical physical and chemical properties

Parameter	Test method	Rosneft Revolux D3 10W-40
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	15,3
Cold Cranking Viscosity (CCS) at - 25 °C, mPa·s	ASTM D 5293	6300
Viscosity Index	ASTM D2270	159
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	-37
Evaporation Loss, %	ASTM D5800	12,0
Density at 15°C, kg/m <sup>3</sup>	ASTM D4052	875