

PRODUCT DESCRIPTION AND APPLICATION



Product Description

Rosneft Revolux D5 10W-40 is a premium fully synthetic engine oil created with unique Revolux technology. It is designed to lubricate high-power and environmentally friendly diesel engines requiring API CJ-4 and ACEA E9 service categories and Euro-VI environmental standards. Approved by the world's leading OEM manufacturers.

Application

Rosneft Revolux D5 10W-40 is intended for all-season use in high-power and environmentally friendly diesel engines of leading American and European manufacturers requiring Euro-VI, Euro-V and CAFÉ (US 2007) standards. The oil is compatible with all types of exhaust aftertreatment systems, such as diesel particulate filter (DPF), catalytic neutralization system (SCR), exhaust gas recirculation (EGR) system. The original OEM approvals guarantee a maintenance service during the warranty period.

APPROVALS AND SPECIFICATIONS

International specifications:

API CJ-4/SM; ACEA E9, E7

Approvals:

Avtodizel (YaMZ)
Tutaevsky Motor Plant

Meets Requirements:

MB 228.31
MAN M3275
MTU Category 2.1
Renault RLD-3
Volvo VDS-4, VDS-3, VDS-2, VDS
Cummins CES 20081/77/76/72/71
Detroit Diesel 93K218
Deutz DQC III-10 LA
MACK EO-O Premium Plus, EO-M Plus
Scania LA
Caterpillar ECF-3, ECF-2, ECF-1a

BENEFITS

- Approved by the world's leading machinery manufacturers for extended oil drain intervals, which significantly reduce the maintenance cost;
- Compatible with all types of exhaust aftertreatment systems (DPF, SCR, EGR) and significantly extends their 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, 1000 L

Typical physical and chemical properties

| Parameter | Test method | Rosneft Revolux D5 10W-40 |
|---|-------------|---------------------------|
| Kinematic viscosity at 100 °C, mm ² /s | ASTM D445 | 13,8 |
| Cold Cranking Viscosity (CCS) at – 25 °C, mPa·s | ASTM D 5293 | 5900 |
| Viscosity Index | ASTM D2270 | 158 |
| Total Base Number (TBN) , mg KOH/g | ASTM D4739 | 9,6 |
| Sulphated ash, % mass. | GOST 12417 | 1,0 |
| Flash point, COC °C | ASTM D92 | 210 |
| Pour Point, °C | ASTM D97 | -40 |
| Evaporation Loss, % | ASTM D5800 | 11,0 |
| Density at 15°C, kg/m ³ | ASTM D4052 | 864 |