



ORLEN
OIL

ORLEN OIL ULTOR PROGRESS 10W-40

General features

Highest generation, synthetic oil UHPDO oil developed especially for European diesel engines and meeting the most strict Euro V emission standards.

Main advantages:

- Compatible with filters and exhaust gas catalyts
- Stable operation in extreme temperatures
- Perfect engine protection against wear out and corrosion
- Very effective dispersion of black carbon.
- Extremely long interchange periods in very difficult operation conditions.

Application

ORLEN OIL Ultor Progress is recommended for diesel engines driven by low sulphur fuel (max. 50 ppm), equipped with exhaust gas recirculation, with or without diesel particulate filters and for engines with selective catalyst reducing nitric oxides in combustion gases. A unique "low SAPS" recipe guaranteeing low levels of sulphur, phosphorus and sulphated ash content - in compliance with ACEA E-6 makes the oil meet quality requirements and does not affect efficiency of filter and catalyst systems enabling operation of modern diesel engines meeting Euro V requirements. The oil may also be used in diesel engines of previous generations meeting requirements of Euro IV, III, II, I. It meets EPA Tier I and II standars in range of NOx and PM (particular matter). Suitable for use in vehicles with CNG engines.

Quality class

API: CK-4/CJ-4/CI-4/SN

ACEA : E8, E11, E7, E6, E9

Viscosity grad

SAE: 10W-40

Standards, approvals, specifications:

DTFR 15C110 (228.51)

Volvo VDS-4.5

Renault RVI RLD-3

Mack EOS-4.5

MAN M3775,

Cummins CES 20086

Meets requirements:

MAN 3271-1,

DAF,

JASO DH-2,

Caterpillar ECF-3,

Deutz DQC TTCD,

Deutz DQC-IV-18 LA

Cummins CES20076/77,

MTU Typ 3.1

MTU Typ 2.1



Physical and chemical properties

Parameters	Unit	Typical values
SAE viscosity grade	-	10W-40
kinematic viscosity at 100 °C	mm ² /s	14,5
viscosity index	-	154
flow temperature	°C	-30
ignition temperature	°C	240
base value TBN	mg KOH/g	10
sulphate ash	%	0.94
Noack volatility	%(m/m)	8

Note: Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each production batch.

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