



ORLEN
OIL

ORLEN OIL ULTOR OPTIMO 10W-30

General features

Based on the latest NEO GUARD technology, semi-synthetic SHPD engine oil. Superior technology has been developed through high quality oil bases with a set of additives reducing low sulfur, phosphorous and sulfated ash content.

Guarantees:

- outstanding engine performance under all operating conditions
- extend the life of filters and oil change periods,
- effective engine cleanliness by maintaining contaminants in suspension
- improving fuel economy,
- maximum engine power in extreme conditions,
- safe operation of catalytic exhaust engines

Application

ORLEN OIL Ultor Optimo 10W-30 is mid-SAPS motor oil recommended for diesel engines operating under tough conditions. It is dedicated for engines conforming to Euro VI and lower. It is perfect for all conditions in summer and winter. Provides excellent engine protection not only on highways, but also in the city.

Recommended for ecological vehicles equipped with exhaust treatment devices such as DPF, EGR / SCR NOx. ORLEN OIL Ultor Optimo 10W-30 is suitable for use in construction and other heavy equipment, which producer recommend oil viscosity grade and quality specified below. Guarantees extending oil change periods, which leads to reducing operating costs and it is well suited for applications in mixed fleets. It can be used in vehicles that comply with the emission standards EPA Tier 3 and Tier 4, if it meets all requirements of vehicle producer in quality class, and viscosity grade.

Quality class

API: CK-4/CJ-4

ACEA: E9, E7,E11

Viscosity grad

SAE: 10W-30

Standards, approvals, specifications

Volvo VDS-4.5,
Renault RVI RLD-3,
Mack EO-O-S 4.5,
Deutz DQC III-18 LA,
MTU Type 2.1,
DTFR 15C100 (228.31),
Cummins 20086

Meet requirements:

MAN M3775, M3575,
Caterpillar ECF-3,
Detroit Diesel DFS 93K222,
Ford WSS-M2C171-F1



Physical and chemical properties

| Parameters | Unit | Typical values |
|---|--------------------|----------------|
| SAE Viscosity Grade | - | 10W-30 |
| Kinematic viscosity at temperature 100 °C | mm ² /s | 12 |
| Viscosity index | - | 140 |
| Flow temperature | °C | -39 |
| Flash-point | °C | 226 |
| Total base number | mg KOH/g | 7 |
| Sulphated ash | % | 0,89 |

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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