



**ORLEN**  
**OIL**

## ORLEN OIL ULTOR EXTREME 10W-40

### General features

The new generation semisynthetic UHPDO engine oil developed especially for modern engines operating in very difficult conditions with extremely long interchange period. Unique composition of unconventional and mineral oil bases and new generation enriching additives guarantees effective lubrication of engine components, even in the toughest operating conditions.

Ultror Extreme provides:

- Extended interchange periods,
- Engine cleanness with no need to keep black carbon in the suspension,
- Maximal engine power,
- Excellent engine protection against wear and corrosion.

### Application

Ultror Extreme is mainly intended for modern diesel engines meeting requirements of Euro V and equipped with SCR, NOx, EGR catalysts. It can also be successfully applied in older vehicles meeting requirements of Euro IV, III. It is also recommended for heavy loaded petrol engines.

It meets the EPA Tier 3, EPA Tier 2, EPA Tier 1 standards in range of NOx and PM (particulate matter).

### Quality class

ACEA: E4, E7

API: CI-4/CH-4/CG-4

### Viscosity grad

SAE 10W-40

### Standards, approvals, specifications

MAN M3277,  
DTFR 15B120 (228.5),  
Volvo VDS-3,  
MACK EO-N,  
Renault VI RLD-2.

Meets requirements:

DEUTZ DQC-III-18,  
MTU Type 2,  
MTU Type 3.1,  
MAN 3275,  
Jaso DH-1,  
Global DHD-1,  
DDC 93K215,  
Allison C-4,  
Cummins CES 20078,



### Physical and chemical properties

Parameters	Unit	Typical values
SAE viscosity grade	-	10W-40
kinematic viscosity at 100 °C	mm <sup>2</sup> /s	13,5
viscosity index	-	155
flow temperature	°C	-36
ignition temperature	°C	230
base value TBN	mg KOH/g	12
sulphate ash	%	1.75
Noack volatility	%(m/m)	12,3

**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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