



**ORLEN  
OIL**

## ORLEN OIL ULTOR FUTURO 15W-40

### General features

Based on the latest NEO GUARD technology, highest quality engine oil type SHPD has been obtained on the basis of high-grade base oil API Group II and perfectly chosen, created according to newest technology Mid-SAPS, an enriching additive package with a unique formula of molecules.

It provides:

- improved durability, reliability and excellent engine capacity,
- extending the service filter life – thanks to Mid-SAPS technology,
- perfect protect and engine cleanness by maintenance soot in suspension,
- excellent resistance to corrosion and thermal-oxidative stability,
- maximum engine power at extreme conditions,
- extending periods between oil exchanges,

### Application

ORLEN OIL Ultor Futuro 15W-40 is intended for Diesel engines in trucks, buses and heavy construction equipment. It is especially recommended to engines with gases recirculation, where new technologies which decreasing emission of harmful substance into the atmosphere, were used. This oil is compatible with all exhaust treatment devices (EGR/SCR, DPF). Thanks to modern technology Mid-SAPS it is recommended for engines that meet Euro IV, V, IV standards. ORLEN OIL Ultor Futuro 15W-40 guarantee extended interchange periods, which lowers the engine exploitation costs, and therefore excellently suited for application in mixed fleets. Perfect viscosity properties provide easy cold starting an engine as well as good oil pampability in low temperature.

### Quality class

API: CK-4, SN;

ACEA: E9,E11, E7

### Viscosity grad

SAE: 15W-40

### Standards, approvals, specifications

DTFR 15C100 (228.31),  
Volvo VDS-4.5  
Renault RVI RLD-3,  
Mack EO-S 4.5  
Deutz DQC III- 18LA  
Cummins CES20086

Meets requirements:

MAN M 3775, MAN M 3575,  
MTU Type 2.1  
Caterpillar ECF-3,  
Detroit Diesel 93K222  
Ford WSS-M2C171-F1  
Allison TES 439  
JASO DH-2  
MAZ



### Physical and chemical properties

Parameters	Unit	Typical values
SAE viscosity grade	-	15W-40
Kinematic viscosity at 100 °C	mm <sup>2</sup> /s	14,93
Viscosity Index	-	130
Flow temperature	°C	-30
Ignition temperature	°C	230
Base value TBN	mg KOH/g	9
Sulphur ash	%	0,96
Evaporative loss (Nocka)	% (m/m)	8
<b>Note:</b> 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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