



**ORLEN**  
**OIL**

## ORLEN OIL AGRO NOVO 15W-40

### General features

Top quality multi-grade engine oil developed for agriculture. The modern Mid-SAPS technology places it in the SHPD (Super High Performance Diesel) category of oil. It is intended for lubrication of engines of a broad range of agricultural machinery.

Guarantee:

- excellent engine performance in all operating conditions;
- excellent viscosity and temperature performance;
- reduced content of sulphur, phosphor and sulphate ash (Mid SAPS) for excellent protection and longer life of diesel particulate filters and other flue gas aftertreatment solutions (EGR, SCR NOx);
- effective lubrication of friction pairs while starting cold engine and operating at low temperatures;
- effective wear control of piston and cylinder bearing surface;
- no impact on engine sealing.

### Application

ORLEN OIL Agro NOVO 15W-40 is engine oil recommended for a broad range of agricultural machinery, including tractors, combines and other machines with this viscosity and quality grade specified by manufacturers. The oil is intended for heavy duty diesel engines operated in fields and in extreme load conditions. Suitable for use in engines meeting emission standards. It is suitable for use at any season of the year, in agricultural machinery operated on small and large farms, in municipal works and landscape maintenance. Provides excellent lubrication while starting engines in low temperatures (freezing).

### Quality class

API: CK-4, SN

ACEA: E9, E11, E7

### Viscosity grade

SAE: 15W-40

### Standards, approvals, specifications

DTFR 15C100 (228.31),

Volvo VDS-4.5

Renault RVI RLD-3,

Mack EO-S 4.5

Cummins CES20086

### Meets requirements:

Deutz DQC III- 18LA

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



### Physical and chemical properties

Parameters	Unit	Typical values
SAE viscosity grade	-	15W-40
Kinematic viscosity at 100 °C	mm <sup>2</sup> /s	14,8
Viscosity index	-	135
Flow temperature	°C	-31
Flash point	°C	231
TBN base number	mg KOH/g	8,0

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

V2 / 2024-05-20