



**ORLEN
OIL**

ORLEN OIL MULTI UTTO 10W-30

General features

Universal, new generation, multipurpose, and high quality UTTO oil (Universal Tractor Transmission Oil). With modern, advanced, and unique composition of specially selected mineral bases and enriching additives, the oil meets the most recent operational requirements set up for the manufacturers of agricultural construction and industrial equipment. It stands out due to its excellent lubricating, anti-wear and anticorrosive properties, required during the intensive exploitation of modern gears and hydraulic systems. It offers very good compatibility with a broad variety of sealing materials, oxidation resistance, and excellent low-temperature properties, while perfectly damping the system vibrations. High viscosity index provides a very good viscosity and temperature characteristics.

Application

Multi UTTO is designed for the lubrication of different types of gears used in agricultural equipment, construction and manufacturing machinery (gearboxes, final drives, steering gears, differentials) and high-loaded hydraulic systems, while keeping up to the recommendations of manufacturers of machinery and vehicles. It can be used in tractors in which the manual transmission, axles, hydraulic fittings, and "wet brakes" are lubricated by single lubrication system. It should not be used in the automatic transmissions and engines in passenger vehicles.

Quality class

API: GL-4

Viscosity grad

SAE: 10W-30

Meets requirements:

John Deere JDM J20C,
John Deere JDM J20D,
Massey Ferguson CMS M1135,
Massey Ferguson CMS M1141,
Massey Ferguson CMS M1143,
Massey Ferguson CMS M1145,
Allison C4,
AGCO POWERFLUID 821XL;
Ford ESN M2C86-B,
Ford ESN M2C86-C,
Ford ESN M2C134-D;
Case New Holland MAT 3540,
Case New Holland MAT 3525,
Case New Holland MAT 3509,
Case New Holland MAT 3505;
Case MS 1210
FNHA-2-C-200.00,
FNHA-2-C-201.00,
VOLVO CE WB 101,
Caterpillar TO-2,
Valtra G2-08,
Valtra G2-B10 Same,
ZF TE-ML 03E, 05F, 06K, 17E, 21F;
Landini;
Deutz-Fahr;
Claas (oprócz przekładni Renault);
Fendt (oprócz przekładni Vario);
Komatsu;
Kubota UDT
Parker Denison UTTO/THF (testy na pompach T6H20C, T5D, P46);
Vickers 35VQ25;



Physical and chemical properties

Parameters	Unit	Typical values
Viscosity class SAE	-	10W-30
Kinematic viscosity in temp. 100 °C	mm ² /s	11,0
Structural viscosity in temp. – 25 °C	mPa·s	4700
Viscosity index	-	149
Ignition temperature	°C	215
Pour point	°C	-37
Test of corrosive activity in temp. 100 °C for 3 hours performed on copperplates	Corrosion level	1
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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