



ORLEN
OIL

AGRICULTURAL PRODUCT CATALOG



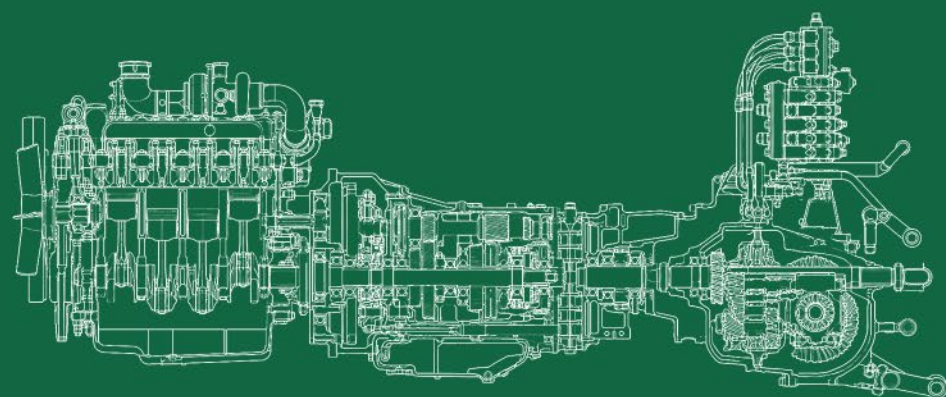
AGRO, TRAWOL, PILAROL Oils

Modern agriculture, in all its diversity, requires precision and reliable solutions. Manufacturers of agricultural machinery, when designing new equipment, take into account maximum performance and reliability under the most demanding working conditions. Meanwhile, machines that remain in continuous production—especially those that are past their prime—require appropriate lubricants to ensure long-term, trouble-free operation.

The evolving and innovative approach of agricultural machinery designers forces lubricant suppliers to continuously develop new products that meet a wide range of quality and viscosity specifications. It can be said that every new machine leaving the production line requires the use of an appropriate engine, transmission, or multifunctional oil that complies with specifications defined by the manufacturer.

The ORLEN OIL product portfolio is constantly updated with new products, specifications, and approvals to meet the expectations of customers seeking the best oils for their machinery.

The ORLEN OIL Research and Technology Office conducts studies to implement the latest technologies and solutions in the production process of agricultural lubricants. Today, the type and specification of a lubricant are considered as early as the design stage of systems requiring lubrication. Therefore, cooperation between the R&D departments of machinery manufacturers and lubricant producers plays a key role in developing durable and reliable designs.

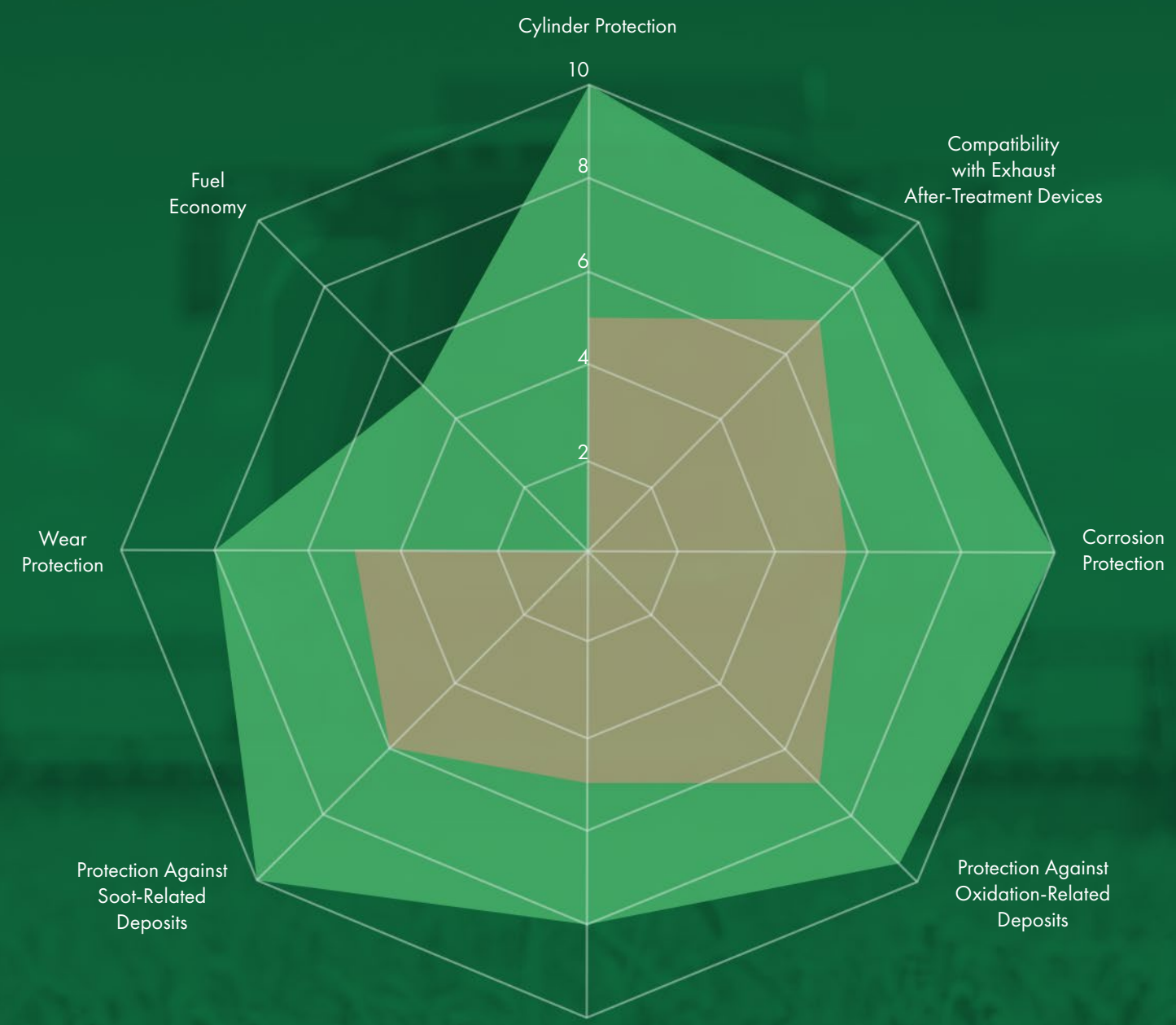


The AGRO product line has been specifically developed for modern agricultural machinery. The latest technology used in AGRO oils ensures the safety and reliability of machines and equipment operating in agriculture. Thanks to a durable oil film, AGRO oils protect internal engine components across the full range of operating conditions and effectively neutralize acidic combustion by-products. They enhance corrosion protection, thereby extending the trouble-free service life of machinery. Excellent lubricating properties translate into cost savings through extended oil change intervals and reduced fuel consumption. High-quality engine, transmission-hydraulic, and multifunctional oils meet the requirements of leading agricultural machinery manufacturers such as John Deere, Massey Ferguson, Case, New Holland, Same, Deutz-Fahr, Claas, Fendt, and Zetor.

The ORLEN OIL AGRO line – ensuring the reliable performance of your machines in every field.

-  **Maximum Protection and System Safety**
-  **Fuel Efficiency**
-  **Resistance to Variable Loads**
-  **Maximum Engine Performance**
-  **Deposit Protection**
-  **Stable Oil Parameters**
-  **Extended Oil Change Intervals**
-  **Oxidation Protection**
-  **Lower Operating Costs**

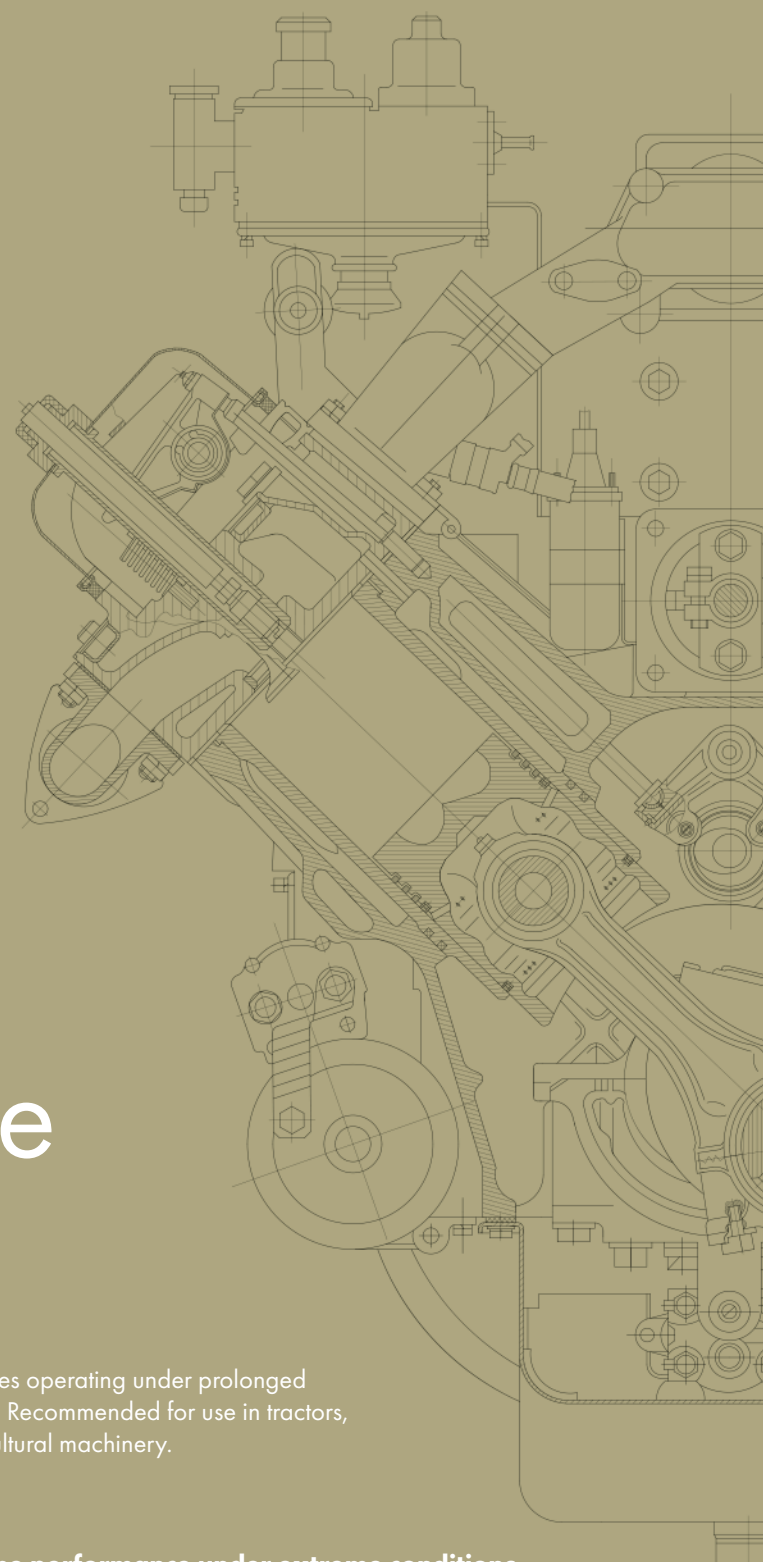
The chart presents a comparison of the performance features of a commonly used API CH-4 engine oil in agricultural applications with the performance of ORLEN OIL AGRO NOVO 15W-40.



- ORLEN OIL AGRO NOVO 15W-40, API CK-4, DTFR 15C100 (228.31)
- Popular API CH-4 Engine Oil

ORLEN OIL AGRO NOVO 15W-40 offers enhanced protection against engine deposits, corrosion, and wear.

ORLEN



Engine Oils

Designed for use in machines operating under prolonged and demanding conditions. Recommended for use in tractors, combines, and other agricultural machinery.

- Maximum engine performance under extreme conditions**
- Prevention of soot formation**
- Extended oil change intervals**
- Engine protection against corrosion**
- Improved fuel efficiency**

ORLEN OIL **AGRO**
SUPREME 10W-40

Quality
API CI-4
ACEA E4, E7

Viscosity
SAE 10W-40

Approvals
DTFR 15B120, MAN M3277, VOLVO VDS-3, MACK EO-N, RENAULT VI RLD-2

Meets requirements
DEUTZ DQC-III-18, MTU Type 2, MTU Type 3, MAN 3275, Volvo VDS 2, Cummins CES 20078

Mineral motor oil for lubrication of diesel engines in tractors, combines and other agricultural machinery for which the manufacturer recommended oil viscosity and quality grade specified on the label. Suitable for engines complying with EURO V, IV and lower emission standards.



ORLEN OIL **AGRO**
NOVO 15W-40

Quality
API CK-4, SN
ACEA E9, E11, E7

Viscosity
SAE 15W-40

Approvals
DTFR 15C100, Volvo VDS-4.5, Renault RVI RLD-3, Mack EO-S 4.5, This product meets Cummins Eng. Std. 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

Multi-grade, mineral SHPD engine oil. Designed for diesel engines of various types of agricultural machines: tractors, combines and others. Suitable for engines meeting exhaust emission standards.



ORLEN OIL **AGRO**
NEXT 15W-40

Quality
API CI-4, CH-4, CG-4
ACEA E7, E5, E3

Viscosity
SAE 15W-40

Approvals
Volvo VDS-3, Mack EO-N, Renault RLD/RLD-2

Meets requirements
DTFR 15B110, Cummins CES 20076/77/78, MTU TYPE 2, Deutz DQC-III-10, Man M3275-1, Caterpillar ECF-2, ECF-1a

High-quality engine oil for lubrication of diesel engines operated in various types of agricultural machinery. Perfect for field work, municipal work, and landscaping. Suitable for engines meeting exhaust emission standards.



ORLEN OIL **AGRO**
BASIC 15W-40

Quality
API CH-4, CG-4
ACEA E7, E5

Viscosity
SAE 15W-40

Approvals
DTFR 15B110, Volvo VDS-3, Mack EO-N, Renault VI RLD-2

Meets requirements
MTU TYPE 2, Deutz DQC-III-10, Volvo VDS-2, Man M3275-1, Caterpillar ECF-1a, Iveco

Mineral motor oil for lubrication of diesel engines in tractors, combines and other agricultural machinery for which the manufacturer recommended oil viscosity and quality grade specified on the label. Suitable for engines complying with emission standards.



TURDUS
SHPD 15W-40

Quality
API CI-4, CH-4, SL
ACEA E5
Global DHD-1

Viscosity
SAE 15W-40

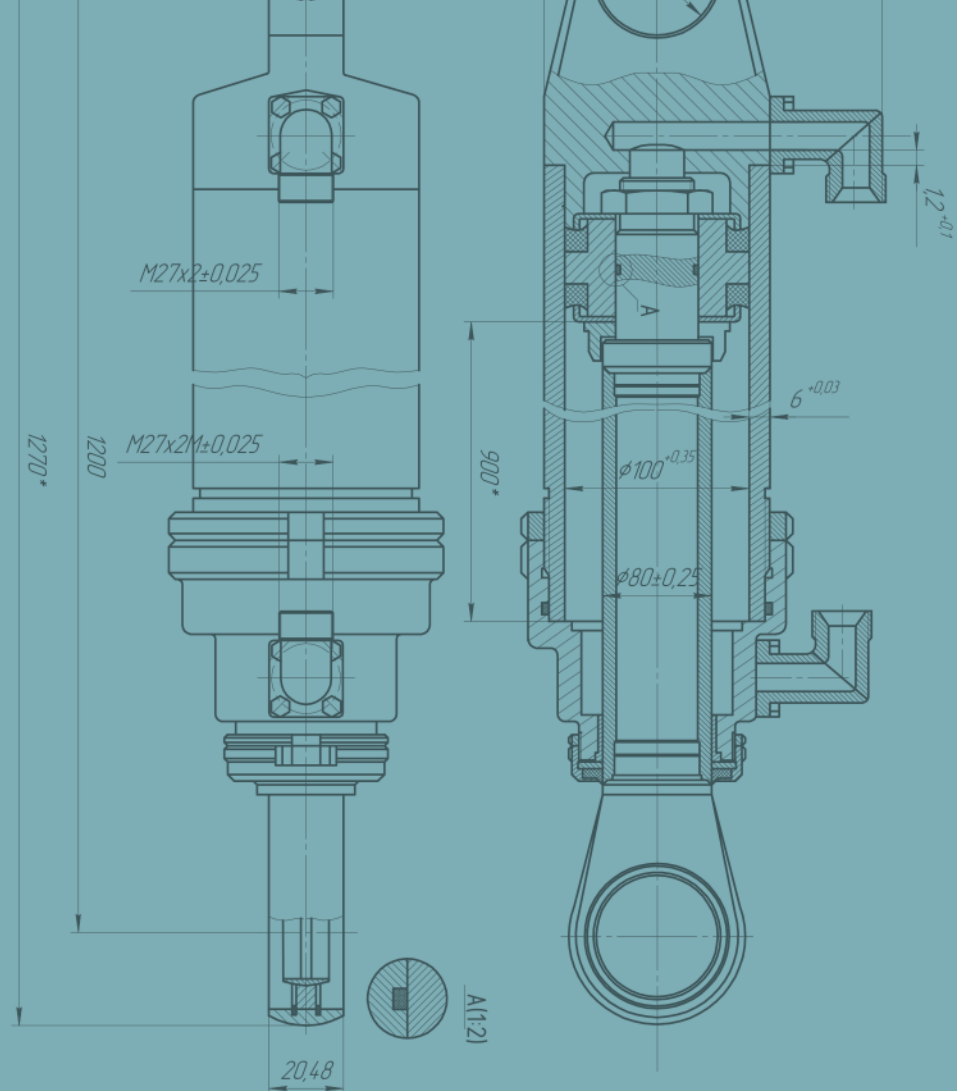
Meets requirements
DTFR 15B110, MAN M3275-1, CATERPILLAR ECF-2, DEUTZ DQC III-18, MTU Oil Category 2, VOLVO VDS-3, MACK EO-N, RENAULT VI RLD-2

Mineral engine oil for agricultural machinery and trucks. Recommended mainly for vehicle engines meeting the Euro III emission standard and earlier standards.



Other engine oils for agricultural machinery

Product	Quality	Viscosity	Product	Quality	Viscosity
ORLEN OIL SUPEROL CD 10W-30	API CD	SAE 10W-30	ORLEN OIL SUPEROL CC 50	API CC	SAE 50
ORLEN OIL SUPEROL F CD 15W-40	API CD	SAE 15W-40	ORLEN OIL SUPEROL CB 10W	API CB	SAE 10W
ORLEN OIL SUPEROL CD 10W	API CD	SAE 10W	ORLEN OIL SUPEROL CB 30	API CB	SAE 30
ORLEN OIL SUPEROL CD 30	API CD	SAE 30	ORLEN OIL SUPEROL CB 40	API CB	SAE 40
ORLEN OIL SUPEROL CD 40	API CD	SAE 40	ORLEN OIL SUPEROL CB 50	API CB	SAE 50
ORLEN OIL SUPEROL M CC 15W-40	API CC	SAE 15W-40	ORLEN OIL SUPEROL A CB/SC 15W-40	API CB/SC	SAE 15W-40
ORLEN OIL SUPEROL CC 30	API CC	SAE 30	ORLEN OIL BOXOL 26		
ORLEN OIL SUPEROL CC 40	API CC	SAE 40			



Transmission and Hydraulic Oils

Designed for heavily loaded hydraulic systems as well as the transmissions of tractors, combines, machinery, and equipment used in agriculture.



Guaranteed optimal protection of lubricated surfaces



High level of anti-foam properties



Cleanliness of lubricated systems



Increased durability of lubricated system components



High load-carrying capacity

ORLEN OIL **AGRO** LS 80W-90

Quality
API GL-5

Viscosity
SAE 80W-90

Approvals
ZF TE-ML 05C, 21C (ZF011924)

Meets requirements
MIL-L-2105D; Man 342 M-1; Mercedes-Benz 235.0, Voith 3.325-339, Volvo 97310, Volvo 97316, Renault, ZF TE-ML 07A, 08, 16B, 17B, 19B, 21A; DAF

Mineral gear oil designed for year-round use in transmissions of tractors, combine harvesters and other agricultural equipment. Recommended for limited slip differentials.



ORLEN OIL **AGRO** HV 46

Quality
ISO VG 46, ISO 11158-HV

Meets requirements
DIN 51524 CZ.3

Hydraulic oil for heavy duty drive systems, high-pressure piston pumps and hydraulic systems in agricultural machines and devices. Guarantees: longer utilization period, decreased wear of grinding elements in hydraulic pump systems, operation within a wide range of temperatures whilst maintaining optimal viscosity properties.





Excellent lubricating and anti-wear properties



Compatibility with seals



Vibration damping of the system



High resistance to oxidation



Massey Ferguson M1145, M1144, M1139; Ford M2C 159B, C, John Deere JDM J27, New Holland 82009201, 2, 3; ZF TE-ML 06A, 06B, 06C, 07B; CCMC D4, Sperry Vickers/Eaton: M2950S, Sperry Vickers/Eaton: I-286-S, Sauer Sunstrand/Danfoss: Hydrostatic Trans Fluid, AFNOR NFE68603E

High quality, multi-purpose mineral engine-gearbox-hydraulics oil. Recommended for engine, hydraulics and manual gearboxes lubrication in various agricultural machinery of different manufacturers. Appropriate for wet brakes systems and Powershift or CVT gearboxes.



Quality	Viscosity
API CG-4, API GL-4	SAE 10W-40
ACEA E3	

Massey Ferguson M1145, M1144, M1139; Ford M2C 159 B, Ford M2C 159 C, John Deere JDM J27, New Holland 82009201, New Holland 82009202, New Holland 82009203, ZF TE – ML 06A, 06B, 06C, 07B, CCMC D4, Sperry Vickers/Eaton: M2950S, Sperry Vickers/Eaton: I-286-S, Sauer Sunstrand/Danfoss: Hydrostatic, Trans Fluid, AFNOR NFE68603E, REKOMENDACJE, REFERENCJE: Farmtrac

Universal, multi-season STOU-type motor, gear and hydraulic oil. For lubrication of engines, hydraulic systems and manual transmissions in various agricultural machinery. Suitable for use in wet brake systems and Powershift or CVT gearboxes. Excellent properties of this oil ensure fault-free operation of the gear and hydraulic systems as well as various types of agricultural equipment.



Quality	Viscosity
API CG-4, API GL-4	SAE 10W-30
ACEA E2	

John Deere JDM J 27; Massey Ferguson M1139; Massey Ferguson M1144; Massey Ferguson M1145; Ford M2C 159B; Allison C-4; Caterpillar TO-2, ZF TE-ML 06B, ZF TE-ML 06C, ZF TE-ML 07B, Mercedes-Benz 227.1, 228.1, 228.3; MAN 271, MIL-L-2104D, Perkins

Intended for use mainly in agricultural equipment for lubrication of engines, various types of transmissions, clutches, wet brakes and also in hydraulic systems. It can be used in Powershift gearboxes.



ORLEN OIL **AGRO** BASIC STOU 10W-40

Quality
**API CG-4, API GL-4
ACEA E2**

Viscosity
SAE 10W-40

Suitable for use

Zetor Proxima, Proxima Plus, Proxima Power, Forterra; John Deere JDM J 27, Massey Ferguson M1139, Massey Ferguson M1144, Massey Ferguson M1145, Ford M2C 159B, Allison C-4, Caterpillar TO-2, ZF TE-ML06B, ZF TE-ML06C, ZF TE-ML07B, Mercedes-Benz 227.1, 228.1, 228.3; MAN 271, MIL-L-2104D, Perkins

Intended for use mainly in agricultural equipment for lubrication of engines, various types of transmissions, clutches, wet brakes and also in hydraulic systems. It can be used in Powershift gearboxes.



UTTO-Type Transmission -Hydraulic Oils

High-quality transmission-hydraulic oils that meet the requirements of modern agricultural equipment manufacturers. They are intended for lubricating various types of transmissions in agricultural machinery, such as gearboxes, main drives, steering systems, differentials, as well as heavily loaded hydraulic systems.



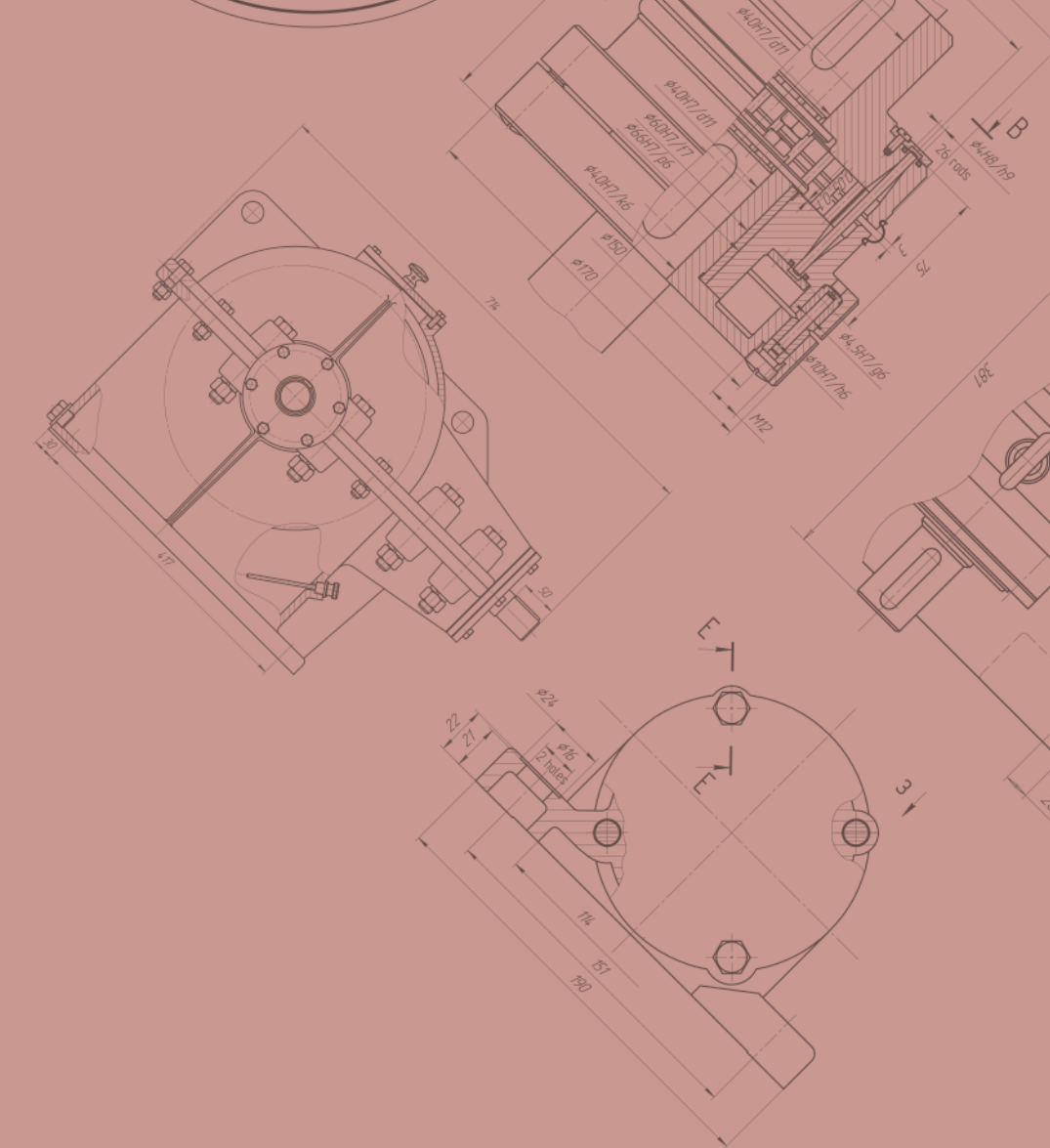
Prevents corrosion



Anti-wear protection



Compatibility with various sealing materials



ORLEN OILAGRO

UTTO 10W-30

Quality

API GL-4

Viscosity

SAE 10W-30

Suitable for use

John Deere JDM J20C, J20D; MasseyFerguson CMS M1135, M1141, M1143, M1145; Allison C4, AGCO POWERFLUID 821XL, Ford ESN M2C86-B,C, Ford ESN M2C134-D, New Holland 410B, Case New Holland MAT 3540, 3525, 3526, 3509, 3505; Case New Holland 3506, Case MS 1210, 1209, 1207, 1206; FNHA-2-C-200.00, FNHA-2-C-201.00, VOLVO CE WB 101, Caterpillar TO-2, Valtra G2-08, Valtra G2-B10, ZF TE-ML 03E, 05F, 06K, 17E, 21F; Same, Landini, Deutz-Fahr, Claas/ Renault Agriculture, Fendt, Komatsu, Kubota UDT Fluid, Parker Denison UTTO/THF, Vickers 35VQ25

A new-generation UTTO hydraulic-transmission oil intended for lubricating various types of gearboxes used in agricultural equipment (transmissions, main drives, steering gears, differentials) as well as heavily loaded hydraulic systems, in accordance with the recommendations of agricultural vehicle manufacturers. It can be used in tractors where the manual transmission, axles, hydraulic equipment, and „wet brakes“ are lubricated by a single oil system.

ORLEN OILAGRO

BASIC UTTO 10W-30

Quality

API GL-4

Viscosity

SAE 10W-30

Suitable for use

Recommended for use in agricultural machinery: URSUS, Ford M2C86B, Ford M2C86C, Ford M2C134D, Case New Holland MAT 3525, Case New Holland MAT 3526, John Deere JDM J20C, John Deere JDM J20D, Massey Ferguson CMS M1143, Massey Ferguson CMS M1135, Massey Ferguson CMS M1145, J.I Case MS-1204, 6, 7, 9, Allison C-4, VOLVO CE WB 101, Caterpillar TO-2, JCMAS HK P-041, Sperry Vickers/Eaton: M2950S, Sperry Vickers/Eaton: I-286-S, Parker (Dennison UTTO) HF -1, HF-2, Sauer Sunstrand/ Danfoss: Hydrostatic Trans Fluid

Designed for lubricating various types of transmissions used in agricultural machinery (gearboxes, main drives, steering systems, differentials) as well as heavily loaded hydraulic systems, in accordance with the recommendations of agricultural vehicle manufacturers. It can be used in tractors where the manual transmission, axles, hydraulic equipment, and „wet brakes“ are lubricated by a single oil system.

ORLEN OILAGRO

U

Suitable for use

John Deere J20C

High-quality, multigrade, universal, UTTO-type hydraulic-transmission oil for use in power transmission systems as well as in the hydraulic systems of agricultural machinery tractors.



TRAWOL

PILAROL

Oils
for gardening
and forestry

ORLEN OIL TRAWOL and PILAROL oils have a wide range of applications in gardening and forestry work. They perform excellently in lawn mowers, chainsaws, snow blowers, and other machines equipped with two-stroke and four-stroke engines. Thanks to the use of special additives, these oils maintain a durable oil film that protects the moving and rubbing engine parts. They exhibit very good resistance to oxidation and help reduce deposit formation.

Engine protection against deposits

Durable oil film at high temperatures

Low smoke emissions

ORLEN OIL TRAWOL 2T CZERWONY

Quality
API: TC; JASO FC; ISO-L-EGC

It is designed for all types of gardening equipment equipped with two-stroke engines. Primarily intended for use in lawn mowers, chainsaws, brush cutters, etc., including those manufactured by brands such as Husqvarna and Stihl.



ORLEN OIL TRAWOL 2T ZIELONY

Quality
API: TC; JASO FC; ISO-L-EGC

It is intended for all types of gardening equipment with two-stroke engines. Primarily recommended for use in lawn mowers, chainsaws, brush cutters, and similar machines from manufacturers such as Husqvarna and Stihl.



ORLEN OIL TRAWOL SG/CD 30

Quality
API: SG/CD

Viscosity
SAE: 30

High-quality engine oil recommended for use in lawn mowers, rototillers, plows, and other gardening machines equipped with four-stroke gasoline engines, with or without a catalytic converter.



ORLEN OIL TRAWOL SG/CD 10W-30

Quality
API: SG/CD

Viscosity
SAE: 10W-30

High-quality engine oil recommended for use in lawn mowers, rototillers, plows, snow blowers, and other gardening machines equipped with four-stroke gasoline engines, with or without a catalytic converter.



ORLEN OIL PILAROL VG 68

Quality
ISO: VG 68

It is designed for lubricating the cutting system (chain) and guide bars of chainsaws used in forestry, orcharding, and similar applications. It can also be used for lubricating other machines involved in forest harvesting.



ORLEN OIL PILAROL EKO

Biodegradable oil designed for lubricating the cutting system (chain) and guide bars of chainsaws used in forestry and orcharding.



ORLEN OIL AGRO Tables of equivalents

ORLEN OIL	JCB	CASTROL	FUCHS
ORLEN OIL AGRO HV 46	JCB HYDRAULIC FLUID OP 46	AGRI HYDRAULIC OIL PLUS	AGRIFARM HYDRATEC HVI 46
ORLEN OIL AGRO LS 80W-90	JCB GEAR OIL HP LS PLUS	HYPOY LS 90	AGRIFARM GEAR LS 90
ORLEN OIL AGRO BASIC 15W-40	JCB ENGINE OIL EP 15W-40	CASTROL TECTION 15W-40	Titan TRUCK SAE 15W-40
ORLEN OIL AGRO NEXT 15W-40	-	CASTROL CRB MULTI 15W-40 CI-4/E7	AGRIFARM MOT SAE 15W-40
ORLEN OIL TURDUS SHPD 15W-40	-	CASTROL TECTION GLOBAL 15W-40	-
ORLEN OIL AGRO NOVO 15W-40	JCB ENGINE OIL UP 15W-40	CASTROL VECTON 15W-40 nCK-4/E9	AGRIFARM MOT E9 SAE 15W-40
ORLEN OIL AGRO SUPREME 10W-40	-	CASTROL CRB TURBOMAX 10W-40 E4/E7	AGRIFARM MOT SAE 10W-40
ORLEN OIL AGRO STOU 10W-30	-	CASTROL TRANSMAX AGRI MP PLUS 10W-30	AGRIFARM STOU MC SAE 10W-30
ORLEN OIL AGRO BASIC STOU 10W-30	-	CASTROL TRANSMAX AGRI MP PLUS 10W-30	-
ORLEN OIL AGRO STOU 10W-40	-	CASTROL TRANSMAX AGRI MP PLUS 10W-40	AGRIFARM STOU MC SAE 10W-40 PRO
ORLEN OIL AGRO BASIC STOU 10W-40	-	CASTROL TRANSMAX AGRI MP PLUS 10W-40	AGRIFARM STOU MC SAE 10W-40 PRO
ORLEN OIL AGRO BASIC UTTO 10W-30	JCB GEAR OIL HP	-	AGRIFARM UTTO MP
ORLEN OIL AGRO UTTO 10W-30	JCB GEAR OIL HP	CASTROL TRANSMAX AGRI TRANS PLUS 80W	AGRIFARM UTTO MP

JOHN DEERE	MOBIL	SHELL	TOTAL
-	UNIVIS N 46	SHELL TELLUS S2V 46	TOTAL EQUIVIS ZS 46
JOHN DEERE EXTREME-GARD LS 90	MOBILUBE HD LS SAE 80W-90	SHELL SPIRAX S3 ALS 80W-90	TOTAL DYNATRANS LS 80W-90
JOHN DEERE TORQ-GARD 15W-40	MOBIL DELVAC SUPER 1400E 15W-40	SHELL RIMULA R3 X 15W-40	TOTAL RUBIA TIR 6400 15W-40
JOHN DEERE PLUS-50 15W-40	MOBIL DELVAC MX SAE 15W-40	SHELL RIMULA R4 X SAE 15W-40	TOTAL TRACTAGRI HDX SAE 15W-40
-	-	-	-
JOHN DEERE PLUS-50 II 15W-40	MOBIL DELVAC MX ESP 15W-40	SHELL RIMULA R4 L 15W-40	-
-	MOBIL DELVAC MX EXTRA 10W-40	SHELL RIMULA R5 E 10W-40	TOTAL TRACTAGRI HDX SAE 10W-40
-	MOBIL AGRI SUPER 10W-30	-	-
-	MOBIL AGRI SUPER 10W-30	-	-
-	-	-	-
-	MOBIL AGRI EXTRA 10W-40	SHELL SPIRAX S4 TX 10W-40	TOTAL MULTAGRI PRO-TEC SAE 10W-40
HY-GARD HYDRAULIC / TRANSMISSION OIL	MOBILFLUID 424	SHELL SPIRAX S4 TXM 10W-30	TOTAL DYNATRANS MPV
HY-GARD HYDRAULIC / TRANSMISSION OIL	MOBILFLUID 424	SHELL SPIRAX S4 TXM 10W-30	TOTAL DYNATRANS MPV

The substitute products have been selected based on catalog data declared by their manufacturers, including viscosity and quality grades. Due to continuous changes in engine oil technology and vehicle manufacturer specifications, before using a substitute product, it is necessary to carefully verify the vehicle manufacturer's recommendations—as outlined in the owner's manual—regarding the required specifications, quality and viscosity grades, and the properties of the substitute product. Verification date: March 1, 2025.



ORLEN
OIL

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