

CLAAS ORIGINAL lubricants.



Whatever it takes. CLAAS ORIGINAL lubricants.

CLAAS ORIGINAL lubricants.

Tough and efficient: CLAAS ORIGINAL lubricants and antifreeze products are specifically designed for the growing requirements to be met by many machine parts. They also ensure smooth operation, are highly economical and approved by the CLAAS product experts without any exception. They guarantee maximum safety and enhance the performance when using your machine. Whatever it takes. CLAAS Service & Parts.





Engine oils	4
Transmission oils	6
Universal tractor oils	8
Hydraulic oils	10
Lubricating greases	12
Antifreeze	14
Fuel Economy lubricants	16
Business application areas and benefits	
ORIGINAL lubricants	20

Engine oils.



With a scientifically balanced formulation and additives combination, CLAAS AGRIMOT engine oils supply the heart of every machine, the engine.







Optimizing the reliability, service life and performance of the engines of CLAAS forage harvesters, combine harvesters, telehandlers and tractors was the top priority in the development of our lubricants.

The benefits for you: CLAAS ORIGINAL engine oils

- Offer optimum protection against wear, corrosion, deposits and oil foaming, so prolonging the service life of the engine
- Extend the service intervals saving time and costs
- Reduce fuel consumption thanks to the innovative composition and additives and also prevent excessive oil consumption
- Thanks to the additives, guarantee problem-free cold-starts when oil temperatures are low, and optimum lubricating reliability when they are high



Our range of engine oils includes the following products:

	Designation	Specification	Approved for	Suitable for	Part no.	Container
	AGRIMOT SYNTEC FE 5W-30	ACEA E4 / E6 / E7 / E9, API CJ-4 / CI-4 / CH-4	MB 228.51, MAN M 3477 / M 3677, Deutz DQC IV-10 LA	Cummins CES 20081	00 0177 546 1	20 l
	AGRIMOT SYNTEC 10W-40	ACEA E4 / E6 / E7 / E9, API CJ-4 / CI-4 / CH-4	MB 228.51, MAN M 3477 / M 3575, Deutz DQC IV-10 LA	Cummins CES 20081	00 0146 108 0	20 l
	AGRIMOT PROTEC FE 10W-30	ACEA E9 / E7 (E5), API CJ-4 / CI-4 plus / CI-4 / SM	MB 228.31, compatible with Caterpillar ECF-3		00 0180 194 0 00 0175 998 0 00 0180 180 1 00 0180 195 0	208 l 60 l 20 l 5 l
	AGRIMOT PROTEC 10W-40	ACEA E9 / E7 (E5), API CJ-4 / CI-4 plus / CI-4 / SM	MB 228.31, compatible with Caterpillar ECF-3		00 0147 896 0 00 0147 897 0 00 0147 905 0	208 l 20 l 5 l
	AGRIMOT ULTRATEC FE 5W-30	ACEA E4 / E5 / E7, API CF	MB 228.5	Iveco 18-1804 FE, MAN M 3277	00 0147 348 0 00 0147 347 0 00 0147 895 0	208 l 20 l 5 l
	AGRIMOT ULTRATEC 10W-40	ACEA E4 / E5 / E7, API CF	MB 228.5, Deutz DQC III-10, MAN M3277		00 0147 484 0 00 0147 482 0 00 0147 483 0 00 0147 898 0	1,000 l 208 l 20 l 5 l
	AGRIMOT SDX FE 15W-30	ACEA E7, API CI-4 / SL	MB 228.3, CES 20078 (20077 / 20076), Deutz DQC III-10, compatible with Caterpillar ECF-2	New Holland, Deere, Perkins, SISU	00 0180 179 0 00 0180 178 0 00 0180 177 0 00 0180 196 0	208 l 60 l 20 l 5 l
	AGRIMOT SDX 15W-40	ACEA E7 / E5, API CI-4 / SJ	MB 228.3, CES 20078 (20077 / 20076), Deutz DQC III-10, compatible with Caterpillar ECF-2	Deutz, Deere, Iveco	On request 00 0147 478 0 00 0147 489 0 00 0147 480 0 00 0147 481 0	1,000 l 208 l 60 l 20 l 5 l
	AGRIMOT SDM 15W-40	ACEA E2 / A2 / B2, API CG-4 / SJ	MB 228.1	Caterpillar, Deutz, Deere, Iveco	00 0147 449 0 00 0147 448 0 00 0147 459 0 00 0182 248 0	208 l 60 l 20 l 5 l

 = Fuel Economy, especially fuel-efficient lubricants. Please see further details on page 16.

Transmission oils.

CLAAS AGRISHIFT transmission oils have been specially developed to optimally protect the machine's transmission. They are suitable for use in all CLAAS machine types, and also meet or exceed the specifications of numerous popular agricultural implement manufacturers, based on their highly refined base oils and modern additive technology.



The benefits for you: CLAAS ORIGINAL transmission oils

- Facilitate optimized wear protection and wear ratios and a longer oil life thanks to optimum lubrication
- Protect elastomers, hoses and seals
- Protect the transmission against corrosion, deposits and oil foaming
- Prevention of temperature-dependent moisture
- Guarantee a longer operating life thanks to the thermal stability
- Offer planning reliability thanks to optimized lubrication at any oil temperature





The range of transmission oils includes the following products:

Designation	Specification	Approved for	Suitable for	Part no.	Container
AGRISHIFT GA 12	API GL-4 Meets or exceeds manufacturer specifications: Massey Ferguson CMS M1141 / M1135, John Deere JDM J20C, Ford M2C 134D / FHNA 2C 201.00	GIMA CMS M1145 / M1143, ZF TE-ML 03E / 05F / 06P / 17E / 21F, CLAAS Renault Agriculture		00 0147 392 0 00 0147 393 0 00 0147 391 0 00 0147 394 0	208 l 60 l 20 l 5 l
AGRISHIFT XE 10W-30	– Meets or exceeds manufacturer specifications: Allison C4	ZF TE-ML 06H / 06M		00 0182 201 0 00 0147 435 1	208 l 20 l
AGRISHIFT THFI	API GL-4 Meets or exceeds manufacturer specifications: Massey Ferguson CMS M1141 / M1135, New Holland NH 420 A, Ford M2C 86B / 86C	Renault 180596 / 88.3		00 0147 432 0 00 0147 431 0 00 0147 433 0 00 0182 249 0	208 l 60 l 20 l 5 l
AGRISHIFT BIO 45	API GL-4, AFNOR HV 68 multigrade, ISO 15380 HEES	GIMA CMS M1145 / M1143 ZF TE-ML 06P (ECCOM3.0)	Case, Fendt, Ford, John Deere, McCormick, Valtra	00 0147 490 0	20 l



The range of transmission oils includes the following products:

	Designation	Specification	Approved for	Part no.	Container
	AGRISHIFT SYN EP 320	DIN 51517 Part 3 – CLP, ISO 12925-1 CKD, AGMA 9005–E02 EP, US Steel 224		00 0146 097 0	20 l
	AGRISHIFT SYN FE 75W-140	API GL-5		00 0177 547 1	20 l
	AGRISHIFT SYN FE 75W-90	API GL-4 / GL-5, MIL.L. PRF 2105E, SAE J2360		00 0560 576 1 00 0147 493 1	20 l 5 l
	AGRISHIFT BLS 80W-90	API GL-5-LS, MIL.L. 2105D Meets or exceeds manufacturer specifications: Ford M2C 104A, Steyr	ZF TE-ML 05C / 12C / 21C	00 0147 396 1 00 0147 397 0 00 0147 398 0	208 l 20 l 5 l
	AGRISHIFT MT 80W-90	API GL-5, MIL.L. 2105D	ZF TE-ML 12E / 17B / 19B / 21A	00 0182 202 0 00 0147 399 0 00 0147 430 0 00 0181 004 0	1,000 l 208 l 20 l 5 l

Universal tractor oils.



CLAAS AGRI UNIVERSAL are multifunction oils for engines and transmission and hydraulic systems in the older generation of CLAAS tractors, and thanks to a special combination of basic oils and selected additives, they guarantee smooth running of the tractor's engine and systems at any time of year.



The benefits for you:

CLAAS ORIGINAL universal tractor oils

- Thanks to their universal character, they rule out any confusion with other lubricants, so saving space and storage costs
- With their special formulation, they provide ideal protection against corrosion, deposits, oxidation, oil foaming and wear
- Ensure ideal hot and cold operation on account of their wide viscosity range and low pour point
- By selecting special base oils, they prevent excessive oil consumption

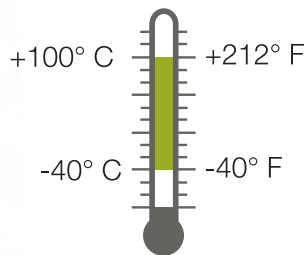


The range of Universal tractor oils includes the following products:

Designation	Specification	Approved for	Applications	Part no.	Container
AGRI UNIVERSAL 400 10W-40	ACEA E3, API CG-4	GIMA CMS M1145 / M1144, ZF TE-ML 06B / 07B	Multifunction: Ford M2C 159B3, Massey Ferguson CMS M1139, John Deere JDM J27 Engines: ACEA E3, API CG-4/SF, Deutz, Iveco, Perkins Phase 1 Tractor gearboxes: Case MS 1206 / 1207, John Deere JDM J20A / J20C, Ford M2C86A / M2C134C / M2C134D, FNHA 2 C 201.00, Massey Ferguson CMS M1127A / M1135 Mechanical transmission: API GL-4 Automatic transmission: Caterpillar T02, GM Allison C4	On request 00 0147 441 0 00 0147 443 0 00 0147 899 0	1,000 l 208 l 20 l 5 l
AGRI UNIVERSAL 300 15W-40	ACEA E2, API CF-4 / CE / SF	GIMA CMS M1145 / M1144, ZF TE-ML 06B / 07B	Engines: Ford M2C 159B3, Massey Ferguson CMS M1139, John Deere JDM J27 Tractor gearboxes: John Deere JDM J20A / J20C, Ford M2C86A / M2C134D, FNHA 2 C 201.00, Massey Ferguson CMS M1127A / M1135 Mechanical transmission: API GL-4 Automatic transmission: GM Allison C4	00 0147 486 0 00 0147 485 0 00 0147 487 0 00 0147 900 0	208 l 60 l 20 l 5 l

Hydraulic oils.

CLAAS AGRHYD hydraulic oils have been specifically designed for the particular requirements of agricultural machinery and can also be used in many other hydraulic circuits.



The benefits for you: CLAAS ORIGINAL hydraulic oils

- Guarantee ideal functioning of the hydraulic system even in the case of extremely high operating pressures
- Can be used at any time of year thanks to the high viscosity and low pour point
- Form a fine film of lubricant so that all parts that slide and roll against one another function perfectly, while at the same time protecting against corrosion, wear, deposits and oil foaming
- Offer excellent filtering properties even where water is present
- Protect elastomers, hoses and seals



The hydraulic oils range includes the following products:

Designation	Meets the requirements of the following standards	Exceeds the requirements of the following standards	Part no.	Container
AGRIHYD XTREME 46*	HVLDP HC 46, DIN 51 524-3, HEPR, ISO 6743-4, CEC-L-33-A-93 / CEC-L-103-12		00 0180 175 1	210 l
			00 0180 176 1	20 l
AGRIHYD HVLDP-D 46		ISO 6743/4 – HV, DIN 51524 p.3 – HVLDP, AFNOR NF 48 603 – HV	00 0182 206 0	1,000 l
			00 0147 446 0	208 l
			00 0147 447 0	20 l
			00 0147 142 0	5 l
AGRIHYD HV 46		ISO 6743/4 – HV, DIN 51524 p.3 – HVLDP, AFNOR NF 48 603 – HV	00 0147 444 0	208 l
			00 0147 445 0	20 l
			00 0147 901 0	5 l

* sold only by CLAAS Service and Parts GmbH



Lubricating greases.



CLAAS AGRIGREASE is available for advanced lubrication during operation of all rotating parts on CLAAS machines. Thanks to its special composition of base oils, thickeners and selected additives, ORIGINAL lubricating greases are ideally suited to the particular requirements in the agricultural sector, reapplied either manually or with precision accuracy in central lubrication systems.



The benefits for you:

CLAAS ORIGINAL lubricating greases

- Reduce the maintenance requirements for the machine and minimise friction and mechanical wear thanks to the permanent film of lubricant
- Have excellent thermal stability which guarantees a high resistance to temperature fluctuations
- Adhere very well to metallic surfaces
- Reduce wear, so limiting the intervals between grease top-offs
- Are mixable with most other greases based on conventional soaps and this facilitates fast, easy application
- Do not contain any lead or other heavy metals dangerous to health



The range of greases includes the following products:

Designation	Specification	Approved for	Meets the requirements of the following standards	Part no.	Container
AGRIGREASE EP 3	EP 3 Grease, NLGI 3		ISO 6743-9: L-XBDHB 3, DIN 51502: KP3N-20	00 0147 919 0 00 0202 249 1 00 0241 793 1	50 kg 5 kg 0.4 kg
AGRIGREASE EP 2	EP 2 Grease, NLGI 2		ISO 6743-9: L-XBCEB 2, DIN 51502: KP2K-25	00 0146 099 0 00 0147 341 0 00 0147 437 0	50 kg 5 kg 0.4 kg
AGRIGREASE LC 00 / 000	NLGI 00 / 000	Mercedes-Benz, MAN, Willy Vogel, Lincoln	DIN 51502: MP 00 / 00K-45, ISO 6743-9: L-XECFB000	00 0147 438 0	1 kg

Antifreeze products.

The antifreeze in the CLAAS ORIGINAL range of operating materials offers reliable protection against corrosion of the engine's cooling system, and against overheating and frost, and optimises the performance of the machine's cooling system.



The benefits for you:

CLAAS ORIGINAL antifreeze products

- Not only reduce the freezing point of water in winter but also increase its boiling point, so minimising the risk that the radiator will overheat in summer
- Protect the different metals with which the antifreeze comes in contact in the circuit
- Do not react with elastomers, hoses or seals
- Make for ease of handling on account of the perfectly tailored mixing ratio (50% water content)



The range of antifreeze products includes the following products:

Designation	Specification	Meets the requirements of the following standards	Part no.	Container
AGRICOOOL OAT 0 (Ready-mixed)	ASTM D3306 / D4985, NFR 15-601, BS 6580	Caterpillar, MB 325.3 / 326.3,	00 0147 473 1	210 l
		Deutz, CLAAS Renault Agriculture	00 0147 472 1	20 l
		DPS engines	00 0147 471 1	5 l
AGRICOOOL SI-OAT 50 (Ready-mixed) ¹	AS 2108-2004, ASTM D 3306 / D 4985 / D 6210, SAE J1034, ÖNORM V 5123, CUNA NC 956-16, JIS K 2234:2006, SANS 1251:2005, SH 0521-1999, BS 6580:2010	MB 325.5, MAN 324 TYPE SI-OAT,	00 0146 100 0	210 l
		Cummins CES 14603, VW / Audi /	00 0146 101 0	20 l
		Seat / Skoda VW-TL 774G,	00 0146 102 0	5 l
AGRICOOOL SI 100 (Ready-mixed) ²	AS 2108-2004 / ASTM D 3306 / ASTM D 4985 / BS 6580:2010 / AFNOR NF R 15 601 / ÖNORM V 5123 / CUNA NC 956-16 / JIS K 2234:2006 / SAE J1034 / SANS 1251:2005 / SH 0521-1999	MB 325.0, MAN 324 Type NF, MWM TR 0199-99-2091, MTU MTL 5048, Deutz H-LV 0161 0188, Liebherr TLV 035 / TLV 23009 A, BMW N 600 69 0, Bundeswehr TL 6850-0038/1, Jenbacher TA no. 1000-0201, Opel / General Motors B 040 0240, Porsche for 924 / 944 / 968 / 928, Saab 6901599, VW / Audi / Seat / Skoda TL 774-C (G11)	00 0147 475 1	20 l

¹ Required for the following MTU engines: OM 470 LA, 471 LA and 473 LA, 936 LA

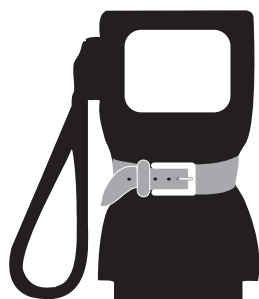
² Required for ATOS 300 / 200



Fuel Economy Lubricants.



Thanks to their innovative and special composition, CLAAS ORIGINAL Fuel Economy lubricants reduce friction in the machine, so contributing to an efficient use of fuel.







The benefits for you:

CLAAS ORIGINAL Fuel Economy lubricants

- Reduce fuel consumption: Consumption optimised by up to 6% with consistent performance¹
- Minimize costs and optimize operating performance
- Increase harvest efficiency with the same throughput and lower fuel costs

The range of greases includes the following products:

	Designation	Specification	Approved for	Part no.	Container
	AGRIMOT SYNTEC FE 5W-30	ACEA E4 / E6 / E7 / E9, API CJ-4 / CI-4 / CH-4	MB 228.51, MAN M 3477 / M 3677, Deutz DQC IV-10 LA	00 0177 546 1	20 l
	AGRIMOT PROTEC FE 10W-30	ACEA E9 / E7 (E5), API CJ-4 / CI-4 plus / CI-4 / SM	MB 228.31, compatible with ECF-3	00 0180 194 0 00 0180 180 1 00 0180 195 0	208 l 20 l 5 l
	AGRIMOT ULTRATEC FE 5W-30	ACEA E4 / E5 / E7, API CF		00 0147 348 0 00 0147 347 0 00 0147 895 0	208 l 20 l 5 l
	AGRIMOT SDX FE 15W-30	ACEA E7, API CI-4 / SL	MB 228.3, CES 20078 (20077 / 20076), Deutz DQC III-10, compatible with Caterpillar ECF-2	00 0180 179 0 00 0180 178 0 00 0180 177 0 00 0180 196 0	208 l 60 l 20 l 5 l
	AGRISHIFT SYN FE 75W-140	API GL-5		00 0177 547 1	20 l
	AGRISHIFT SYN FE 75W-90	API GL-4 / GL-5, MIL.L. PRF 2105E, SAE J2360		00 0560 576 1 00 0147 493 1	20 l 5 l

 = Fuel Economy, lubricants that achieve excellent fuel economy

¹ Independent of harvesting conditions and personal driving style



CLAAS
AGRIHYD
HV 46
SAE 46
10W-46
5L
1.32 gal
ORIGINAL

CLAAS
ORIGINAL

CLAAS

CLAAS
ORIGINAL

CLAAS
ORIGINAL

CLAAS
AGRIMOT
PROTEC FE 10W-30
SAE 10W-30
Low SAPS
5L
1.32 gal
ORIGINAL

CLAAS
AGRISHIFT
EL S 80W-90
SAE 80W-90
ORIGINAL



The areas of application and benefits of our ORIGINAL lubricants in detail.



Engine oils

AGRIMOT SYNTEC FE 5W-30



Fully synthetic lubricant specially developed for the last generations of engines used in CLAAS machinery with or without exhaust gas post-treatment systems.

Application

All Diesel engines up to EURO Stage IV or US EPA Tier 4 final

Customer benefits

- Recognized fuel economy performance
- Improved cold-start characteristics
- A reduction in ash particles prevents rapid blockage of the particle filter which has a detrimental effect on combustion and causes higher fuel consumption
- The high temperature resistance guarantees outstanding lubrication of hot engine parts
- Excellent oxidation resistance, guaranteeing the life of the engine particularly in case of longer oil-change intervals.

AGRIMOT SYNTEC 10W-40

Very high performance lubricant specially developed for the last generations of engines used in CLAAS machinery with or without exhaust gas post-treatment systems.

Application

Depolluted engines up to EURO Stage IV or US EPA Tier 4 final

Customer benefits

- Improved cold-start characteristics
- A reduction in ash particles prevents rapid blockage of the particle filter which has a detrimental effect on combustion and causes higher fuel consumption
- The high temperature resistance guarantees outstanding lubrication of hot engine parts
- Excellent oxidation resistance, guaranteeing the life of the engine particularly in case of longer oil-change intervals.

AGRIMOT PROTEC FE 10W-30



Very high-performance lubricant, specifically designed to reduce the fuel consumption of diesel engines with exhaust after-treatment systems

Application

Engines with exhaust treatment up to Stage IV (Tier 4)

Customer benefits

- Recognized fuel economy performance
- Improved cold-start characteristics
- A reduction in ash particles prevents rapid blockage of the particle filter which has a detrimental effect on combustion and causes higher fuel consumption
- The high temperature resistance guarantees outstanding lubrication of hot engine parts

AGRIMOT PROTEC 10W-40

Very high-performance lubricant, particularly suitable for diesel engines with exhaust after-treatment systems

Application

Stage I (Tier 1), II (Tier 2), IIIA (Tier 3) and IV (Tier 4)

Customer benefits

- Improved cold-start characteristics
- A reduction in ash particles prevents rapid blockage of the particle filter which has a detrimental effect on combustion and causes higher fuel consumption
- The high temperature resistance guarantees outstanding lubrication of hot engine parts

= Fuel Economy, lubricants that achieve excellent fuel economy

AGRIMOT ULTRATEC FE 5W-30

Particularly powerful and fully synthetic lubricant saving fuel. Particularly suitable for lubricating the latest generation of diesel engines from European manufacturers, particularly the Cursor motors from FPT

Application

Heavy-duty diesel engines Stage I (Tier 1), II (Tier 2) or IIIA (Tier 3)

Customer benefits

- Recognized fuel economy performance
- Improved cold-start characteristics
- Outstanding for wear protection and cleaning power
- Excellent performance thanks to the synthetic base of the lubricant and the high-performance additives

AGRIMOT ULTRATEC 10W-40

Very high-performance, synthetic-based lubricant for diesel engines, with or without a turbocharger, that are used under the toughest operating conditions (combine harvesters, forage harvesters, etc.)

Application

Particularly suited for lubricating the latest generation of diesel engines (exhaust standards Stage I (Tier 1), II (Tier 2), IIIA (Tier 3))

Customer benefits

- Improved cold-start characteristics
- Outstanding wear protection
- Excellent operating performance stability
- Extremely resistant to high temperatures in tough operating conditions (harvesting, ploughing, etc.)

AGRIMOT SDX FE 15W-30

Very high-performance, fuel saving lubricant, developed for CLAAS tractor and machinery engines

Application

For diesel engines without exhaust after-treatment and diesel engines that meet the Stage I (Tier 1), II (Tier 2) and IIIA (Tier 3) exhaust standards

Customer benefits

- Recognized fuel economy performance
- Excellent viscosity stability when in operation
- Outstanding wear protection
- High cleaning and dispersing properties

AGRIMOT SDX 15W-40

High-performance lubricant for diesel engines with or without a turbocharger, which are used at any time of year under the toughest operating conditions

Application

Ideally suited to lubrication of low emission engines (Stage I (Tier 1), II (Tier 2), IIIA (Tier 3))

Customer benefits

- High thermal resistance
- Excellent viscosity stability when in operation
- Outstanding wear protection
- High cleaning and dispersing properties

AGRIMOT SDM 15W-40

Multi-sector lubricant specially developed for lubricating aspirated and turbo diesel engines

Application

Ideal for engines which meet exhaust standard Stage I (Tier 1); can be used in small gasoline engines

Customer benefits

- The high oxidation resistance guarantees optimized lubrication
- Viscosity class adapted for versatile application in the agricultural sector



= Fuel Economy, lubricants that achieve excellent fuel economy

The areas of application and benefits of our ORIGINAL lubricants in detail.

Transmission oils



AGRISHIFT GA 12

Special lubricant for mechanical power flow systems with oil bath clutches and brakes

Application

For lubricating power flow systems, hydraulic circuits, lifting and servo systems

Customer benefits

- Very high operating stability
- Highly resistant to oxidation and corrosion
- Improved high-pressure and wear protection properties
- The friction characteristics ensure smooth gear changing, no clutch slippage and quiet braking

AGRISHIFT XE

Special lubricant for the CMATIC transmission of the CLAAS AXION tractors and the ECCOM 3.5 transmission of the CLAAS XERION tractors

Application

CLAAS tractor transmissions

Customer benefits

- Oil film with very high temperature resistance
- High resistance to wear and high pressure
- Very low pour point
- The friction characteristics ensure smooth transmission without excessive slippage

AGRISHIFT THFI

Lubricants for power flow systems, hydraulic circuits and oil bath disc brakes

Application

Lubrication of hydraulic circuits in power lift and servo systems as well as transmission and steering systems

Customer benefits

- Very high viscosity class
- Special friction characteristics for wet brakes and clutch plates

AGRISHIFT BIO 45

Very high quality biodegradable lubricant for transmissions with wet disc brakes

Application

Recommended in cultivated areas subject to potential environmental impact and in ecologically sensitive areas which must be preserved

Customer benefits

- Gentle transmission and braking with no jolting or excessive slippage which could result in damage to the clutch plate lining
- Useful substitute for transmission and hydraulic lubricants owing to the extended oil change intervals
- Lubricant with rapid biodegradable properties for environmentally friendly application

AGRISHIFT SYN FE 75W-140

High-performance, fully synthetic lubricant specially designed for heavy duty transmissions

Application

Excellent for axles requiring compliance with specification API GL-5 and for high-performance transmissions and reduction gearboxes

Customer benefits

- Powerful
- Excellent thermal stability ensuring high temperature resistance
- Increased pressure resistance and improved wear properties extending the service life and the performance of axles
- Improved efficiency due to high shear resistance
- Excellent defoaming properties and protection against rust

AGRISHIFT SYN FE 75W-90

High-performance, fully synthetic lubricant specially designed for heavy duty transmissions

Application

Particularly suitable for heavy duty reduction and transfer gearboxes even when operating at very high temperatures

Customer benefits

- Exceptionally resistant to very high temperatures
- Enhanced high-pressure and wear protection properties optimise the service life and performance of the lubricated systems even when subjected to heavy loading and repeated shocks
- Improved protection for metals which are subject to oxidation, even where water is present
- The optimised viscosity at all operating temperatures reduces energy losses
- Excellent seal compatibility

AGRISHIFT BLS 80W-90

High-pressure lubricant developed for limited slip differentials for self locking axles

Application

Specially developed for front axles but also suitable for certain rear axles

Customer benefits

- Eliminates vibrations and noises
- High-pressure resistant
- Stable at high temperatures
- Protects against corrosion and rust

AGRISHIFT MT 80W-90

High-pressure lubricant for transmissions and reduction gearboxes

Application

Outstanding for transmissions in agricultural machinery: manual gearboxes, hypoid gearboxes, axle drives

Customer benefits

- High-pressure and wear protection properties deliver excellent performance under severe loading and when subjected to repeated shocks
- Anti-rust and corrosion protection on steel and copper even where water is present
- High temperature resistance
- Excellent seal and elastomer compatibility



= Fuel Economy, lubricants that achieve excellent fuel economy

The areas of application and benefits of our ORIGINAL lubricants in detail.

Universal tractor oils



AGRI UNIVERSAL 400 10W-40

Universal high-performance lubricant, ensures outstanding lubrication of all components under all operating conditions and simplifies servicing

Application

Perfect for lubricating engines that comply with exhaust standard Stage I (Tier 1)

Customer benefits

- The excellent operating stability guarantees an outstanding service life for all components
- Simplifies maintenance and prevents application errors
- Reduces brake noise
- Outstanding wear protection
- Excellent protection against corrosion, rust and foaming oil
- Reduces the engine's oil consumption

AGRI UNIVERSAL 300 15W-40

High-performance multifunction lubricant

Application

Excellent for older generations of engine

Customer benefits

- Protects against wear and reduces brake noise
- High pressure absorption capacity
- Very wide range of applications with optimum reliability

Hydraulic oils



AGRIHYD XTREME 46*

High-performance hydraulic oil for flexible temperature application conditions (to -35 °C)

Application

Fully synthetic oil for extreme application conditions at high and low temperatures

Customer benefits

- Extends the oil change intervals and reduces component wear
- Can be mixed with mineral-oil-based hydraulic oils
- Biodegradable, so that this lubricant can be used in all protected areas in which environmentally friendly and biodegradable products are stipulated
- Makes long warming up periods redundant
- Protects seals, hoses and elastomers

* sold only by CLAAS Service and Parts GmbH

AGRIHYD HVLP-D 46

Cleaning hydraulic oil with a very high viscosity index; can be used at any time of year

Application

Specially developed for use in hydraulic systems for machines which are used in a dusty environment (e.g. for harvesting)

Customer benefits

- The high viscosity stability facilitates its application at high and low temperatures
- Excellent wear protection
- The excellent cleaning power guarantees incomparable cleanliness
- Highly resistant to oxidation and hydrolysis

AGRIHYD HV 46

Hydraulic lubricant with very high viscosity class, specially developed for hydraulic systems which are exposed to high temperatures and pressures

Application

Particularly recommended for high operating pressures

Customer benefits

- Excellent shear stability and filtering properties as well as outstanding wear protection
- The consistent viscosity index facilitates smooth operation at any temperature
- The high resistance to oxidation and hydrolysis prevents formation of deposits

The areas of application and benefits of our ORIGINAL lubricants in detail.

Lubricating greases



AGRIGREASE EP 3

High-pressure, high-temperature resistant lithium complex multi-purpose grease, particularly suitable for lubricating heavy duty friction and roller bearings, wheel bearings, chassis and for various areas of application involving impact loading and vibrations

Application

Preferred application in pneumatic pump systems or cartridges, operating temperature range: -20 °C to +160 °C

Customer benefits

- Versatile range of applications
- Very high mechanical stability
- Forms a film of lubricant which is resistant to moisture, temperature fluctuations and dirt, so reducing servicing and costs
- Does not contain any substances that are harmful to health or the environment

AGRIGREASE EP 2

High-pressure resistant multi-purpose grease for lubricating all bearings, plugs, slide rails and racks which are exposed to heavy loading

Application

Preferred application in pneumatic pump systems or cartridges, operating temperature range: -25 °C to +130 °C

Customer benefits

- Very high mechanical stability
- Outstanding resistance to heavy loading and shocks
- Excellent properties where water is present
- Does not contain any substances that are harmful to health or the environment

AGRIGREASE LC 00/000

High-pressure resistant lithium/calcium multi-purpose grease for lubricating machines that have a central lubrication system

Operating temperature range: -45 °C to +120 °C

Application

Used for preference in pneumatic pump systems

Customer benefits

- Highly resistant film of lubricant
- Excellent pumping capability owing to the low consistency class and outstanding flow properties
- Versatile range of applications
- Excellent adhesion properties on metals
- Does not contain any environmentally harmful substances

General instructions:

- 1) For more detailed technical product information as well as approvals see the product data sheets.
- 2) Special products on request.

Abbreviations:

ACEA = Association des Constructeurs Européens d'Automobiles (Association of European automobile manufacturers)

API = Classification system of American Petroleum Institute

SAE = Viscosity value (Society of Automotive Engineers)

ISO = International Organization for Standardization

DIN = Deutsches Institut für Normung e.V. (German Standardization Institute)

ASTM = American Society for Testing and Materials

AFNOR = Association Française de Normalisation

Antifreeze



AGRICOOL

Antifreeze that is based on the latest technical developments – ensures most favorable performance of the machine's cooling system, lowers the freezing point, counteracts overheating in summer and provides lasting anti-rust protection

Application

Antifreeze product for all machines, usable down to -37°C . Added bitterings prevent accidental ingestion by the user

Customer benefits

- Ready-to-use long life radiator protection
- Excellent heat transfer and cooling performance
- Long life antifreeze
- Outstanding protection against frost, corrosion and overheating
- Protection against cavitations



Whatever it takes.

CLAAS of America Inc.
COA Parts
3030 Norcross Drive
Columbus, IN 47201
United States
claas.com