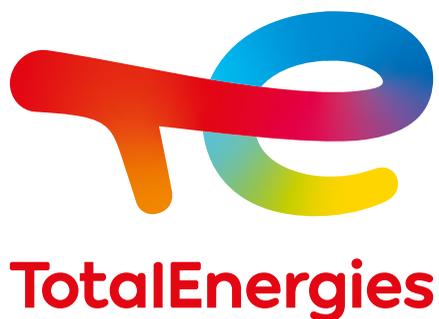




## Your daily partner Tailor-made lubricants for agriculture

Our Agri Range is the exclusive solution to address your most demanding Agricultural market needs.



# New bottle

## Better precision, less oil loss

No more splashes or leaks when pouring your lubricant. The caps have been redesigned for a simple and efficient use.

## User-friendly handle

The new big side handle has been rethought to facilitate the carrying and pouring of the product.

## New dashboard concept

Introduction of a new label design inspired by car dashboards, with panels that display product marketing and technical information (educational pictograms, product features, clear viscosity grade, technical profil indication).

## Product's features and/or benefits



## QR Code

A new QR Code to allow product identification by the customer and prevent counterfeit product.

## Viscosity grade

## Main technical specifications

# Summary

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\* Universal Tractor Transmission Oil

\*\* Super Tractor Oil Universal

# About us



**AGRI  
RANGE**

## About TotalEnergies Lubrificants

TotalEnergies is a leading global manufacturer and marketer of lubricants. It has **42 production plants** worldwide, **more than 5,800 employees** and distributes its products in **160 countries**. The Lubrificants activity of TotalEnergies offers innovative, efficient and environmentally responsible products and services developed at its R&D centers by **more than 130 researchers**. TotalEnergies is a partner of choice for the automotive, industrial and marine markets.

## About TotalEnergies

TotalEnergies is a broad energy company that produces and markets energies on a global scale: oil and biofuels, natural gas and green gases, renewables and electricity. Our **105,000 employees** are committed to energy that is ever more affordable, clean, reliable and accessible to as many people as possible. Active in more than **130 countries**, TotalEnergies puts sustainable development in all its dimensions at the heart of its projects and operations to contribute to the well-being of people.

## About the Marketing & Services division of TotalEnergies

TotalEnergies' Marketing & Services business segment offers its professional and private customers a wide range of broad energy products and services - petroleum products, biofuels, charging and related services for electric vehicles, gas for road and maritime transportation - to support them in their mobility and help them reduce their carbon footprint. Every day, over **8 million customers** visit our **16,000 service-stations** all over the world. As the world's number four in lubricants, we design and sell high-performance products for the automotive, industrial and maritime sectors. And to provide the best response to the needs of our B2B customers, we deploy our sales forces, our international logistics network and our diverse offering. We operate in **107 countries**, where our **31,000 employees** stand close to all of our customers.

# Our Agri Range, Partnering Agriculture for over 60 years

**At TotalEnergies, we strongly believe that each market deserves a dedicated range of products. Our Agri Range is our exclusive solution to address your demanding Agricultural market needs.**

**Our products are tested and approved by Major Agricultural & Heavy Vehicle Manufacturers (Original Equipment Manufacturers – OEMs).**

These product approvals are the official guarantee proving that our Agri products are 100% compatible with the equipment and technology of these related manufacturers.

**Premium products and tailor-made solutions to increase your operational efficiency. TotalEnergies increases uptime and lowers maintenance costs thanks to its:**

- Our premium products, designed from years of research, tested in real world conditions during fleet tests and approved by OEMs.
- Anac Agri preventive maintenance tool, based on used oil analysis and supported by its technical teams on the field.

TotalEnergies develops tailor-made lubricants in its state of the art R&D centers in France and India. Products are developed in close collaboration with Agricultural and Heavy Vehicle Manufacturers in order to meet their sophisticated and most demanding technical requirements.



# Our Agri Range takes care of your equipment

With decades of experience in the sector, our Agri Range offers a complete solution of innovative products covering all types of application:



**Tractagri,**  
Lubricants  
for Engines



**Dynatrans,**  
Lubricants for  
Transmissions  
(UTTO and Axles)



**Multagri,**  
(Multifunctional  
Lubricants)



**Hydragri,**  
Hydraulics Fluids



**Prosylva,**  
Lubricants for Home  
farming/Gardening



**Prosylva Chain,**  
Lubricants for  
Chainsaws



**A-Grease,**  
Greases for  
Agriculture



**Specialty  
Products,**  
Lubricants for  
Milking Machines,  
Coolants, etc.



**Our Agri Range, a solution of high technology lubricants designed to keep your agricultural equipment not just operating but out-performing in all conditions and in all seasons.**



### **Expertise:**

Our Agri Range is tailored to meet the technological requirements of the latest farming equipment and also the ones from earlier generations.



### **Performance:**

Our Agri Range is developed to not only meet but exceed international standards requirements; leading to lower maintenance costs and higher uptime of your machinery. Especially during the harvesting season.



### **Innovation:**

Our Agri Products are designed from years of research. Our Fuel Economy lubricants and Bio-lubricants are an environmental and cost-effective response to the demands of the industry, constantly in need of reliable equipment, which also complies with environmental regulations.

# Tractagri

## Lubricants for Engines



### Engine Longevity: Protection against mechanical wear

Tractagri products are developed with special molecules forming a strong film over metal surfaces, reducing mechanical wear in the presence of high pressure and extreme temperatures, improving engine longevity.



### Smoother and efficient engines: Better engine cleanliness

Tractagri's advanced technology prevents formation of harmful deposits by keeping them dispersed. The products improve the longevity of the engine and make it run in a smoother and more efficient way.



### Longer oil change intervals: Resistance against oxidation

Synthetic base oils with outstanding anti-oxidant additives increase Tractagri products' resistance to oxidation, even under extreme temperatures, thus extending oil drain intervals.



## Lower Oil Consumption: Enhanced evaporation rate

Thanks to their low evaporation rate, Tractagri products directly contribute to reduce oil consumption.



## Fuel economy properties: Excellent protection even with low viscosities

Engine oils can provide Fuel Economy gains via viscosity control and friction reduction. Lowering the lubricant's viscosity reduces the overall friction in the engine, delivering Fuel Economy benefits. The Tractagri FE range is approved by Heavy Vehicle Manufacturers for use in their engines to achieve their Fuel Economy targets.



## Equipment Longevity, reduced maintenance costs: Compatibility with exhaust gas after treatment systems

With their "low-SAPS" (low sulphated ash, phosphorus and sulphur) technology, Tractagri products prevent the clogging of diesel particulate filters (DPFs) and protect diesel engines equipped with post-treatment systems, reducing maintenance costs and protecting the environment.

# Tractagri Lubricants for Engines



## Ready for the next chapter of engine technology

Approved by Agricultural Manufacturers, Tractagri products offer excellent engine and after treatment systems protection, with extended drain intervals, for both the latest and former engines.

### Benefits of using Tractagri Engine Oil:

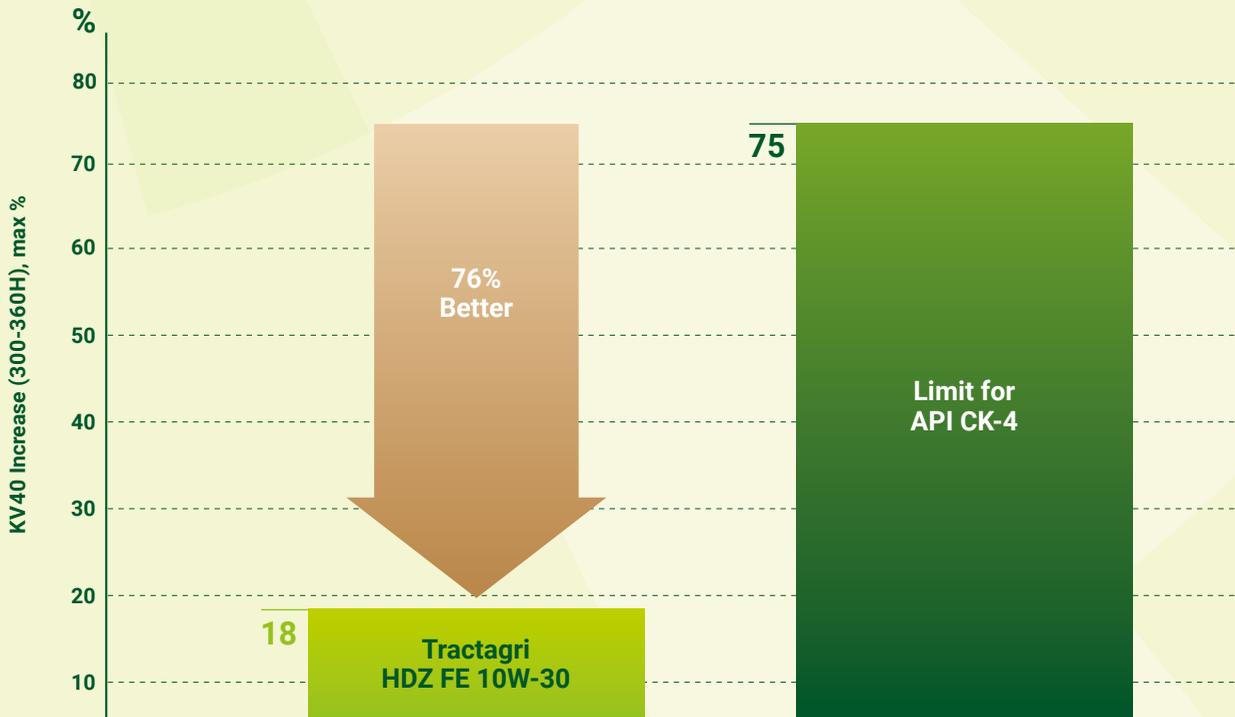
- Increased uptime and lower maintenance costs
- Exceed API and ACEA specification
- Outstanding protection against mechanical wear
- Lower oil consumption

Tractagri products' formulations contain the perfect combination of strong anti-oxidant molecules. These molecules prevent unanticipated formation of deposits and keep the hydrocarbon chains intact. As a result, the engine oil viscosity remains stable much longer.

**Up to 76% improvement against oil viscosity increase compared to API CK-4 industry Limits.\***

\*Volvo T13 (KV40 increase 300-360h)

## Volvo T-13 Oxidation test



# Tractagri Products

Product name	Grade	Application
Tractagri S5R FE	5W-30	Advanced synthetic technology, with Low SAPS and Fuel Economy* benefits. Engine Oil developed as a rationalization solution for Agricultural machinery, with or without Diesel particulate filters. Tractagri S5R is an all in one solution suitable for all engines from any brand or type (Stage V, Tier 4 engines and below).
Tractagri S5R	10W-40	* For Tractagri S5R FE
Tractagri HDZ FE	10W-30	Synthetic technology, with Low SAPS and Fuel Economy* benefits. Lubricant specially developed for agricultural machinery engines, with or without Diesel particulate filters. * For Tractagri HDZ FE
Tractagri HDZ	10W-40	
Tractagri HDZ	15W-40	
Tractagri HDY	10W-40	Advanced synthetic technology, lubricant designed for turbocharged or naturally aspirated engines used in tractors and agricultural machines.
Tractagri HDX FE	10W-30	Advanced technology lubricant, with Fuel Economy technology* for engines operating in all conditions and in all seasons.
Tractagri HDX	15W-40	* For Tractagri HDX FE
Tractagri HDM	15W-40	Advanced technology lubricant for naturally-aspirated or turbocharged engines used in older generations of tractors and agricultural machines.

Tractagri Products		International Specifications		OEM Homologations (Original Equipment Manufacturers)	
Product name	Grade	ACEA	API	Approvals	Meets the requirements of
Tractagri S5R FE 	5W-30	E4, E6, E7, E9	CK-4	<ul style="list-style-type: none"> <li>Deutz DQC IV-18 LA</li> <li>Deutz TTCD</li> <li>Volvo VDS-4.5</li> <li>MB-Approval 228.51/228.52</li> <li>MAN M 3677/M 3775</li> </ul>	<ul style="list-style-type: none"> <li>Caterpillar ECF-3/ECF-2/ECF-1-a</li> <li>FPT-Iveco TLS E6</li> <li>CNH MAT 3521</li> <li>Cummins CES 20086</li> </ul>
Tractagri S5R 	10W-40	E4, E6, E7, E9	CK-4	<ul style="list-style-type: none"> <li>Deutz DQC IV-18 LA</li> <li>Deutz TTCD</li> <li>Volvo VDS-4.5</li> <li>MB-Approval 228.51/228.52</li> <li>MAN M 3775</li> </ul>	<ul style="list-style-type: none"> <li>Caterpillar ECF-3/ECF-2/ECF-1-a</li> <li>FPT-Iveco TLS CK-4/TLS E9</li> <li>CNH MAT 3571/3521</li> <li>Cummins CES 20086</li> <li>MAN M 3477</li> </ul>
Tractagri HDZ FE 	10W-30	E7, E9	CK-4	<ul style="list-style-type: none"> <li>Cummins CES 20086</li> <li>Deutz DQC III-18 LA</li> <li>MB-Approval 228.31</li> <li>Volvo VDS-4.5</li> </ul>	<ul style="list-style-type: none"> <li>Caterpillar ECF-3/ECF-2/ECF-1-a</li> <li>CNH MAT 3521</li> </ul>
Tractagri HDZ 	10W-40	E7, E9	CK-4 SN		<ul style="list-style-type: none"> <li>Caterpillar ECF-3/ECF-2/ECF-1-a</li> <li>FPT-Iveco TLS E9/TLS CK-4</li> <li>CNH MAT 3521/3571</li> </ul>
Tractagri HDZ 	15W-40	E7, E9	CK-4 SN		<ul style="list-style-type: none"> <li>Caterpillar ECF-3/ECF-2/ECF-1-a</li> <li>CNH MAT 3521</li> </ul>
Tractagri HDY	10W-40	E4, E7	CF	<ul style="list-style-type: none"> <li>MAN M3277</li> <li>Deutz DQC III-10</li> <li>MB-Approval 228.5</li> </ul>	<ul style="list-style-type: none"> <li>Caterpillar ECF-1-a</li> </ul>
Tractagri HDX FE 	10W-30	E7	CI-4	<ul style="list-style-type: none"> <li>Cummins CES 20078</li> <li>Deutz DQC III-18</li> <li>MB-Approval 228.3</li> </ul>	<ul style="list-style-type: none"> <li>Cummins CES 20077/20076</li> <li>Caterpillar ECF-2/ECF-1-a</li> <li>Case MS 1121</li> <li>CNH MAT 3507</li> <li>New Holland NH 324H</li> </ul>
Tractagri HDX	15W-40	E7	CI-4 SL	<ul style="list-style-type: none"> <li>Cummins CES 20078</li> <li>Deutz DQC III-10</li> <li>MB-Approval 228.3</li> </ul>	<ul style="list-style-type: none"> <li>Caterpillar ECF-2/ECF-1-a</li> <li>Case MS 1121</li> <li>FPT-Iveco T2 E7</li> <li>CNH MAT 3507</li> <li>New Holland NH 330H</li> <li>MAN M 3275</li> <li>Cummins CES 20077/20076</li> </ul>
Tractagri HDM	15W-40		CF-4 SG		

# Dynatrans

## Lubricants for Transmissions



- UTTO (Universal Tractor Transmission Oil)
- Axles Lubricants

**Dynatrans products are high performance lubricants for agricultural tractors transmissions (UTTO and axles)**

Approved by the Agricultural and Equipment manufacturers, Dynatrans ranges are developed to cover all types of applications, and provide outstanding performances.

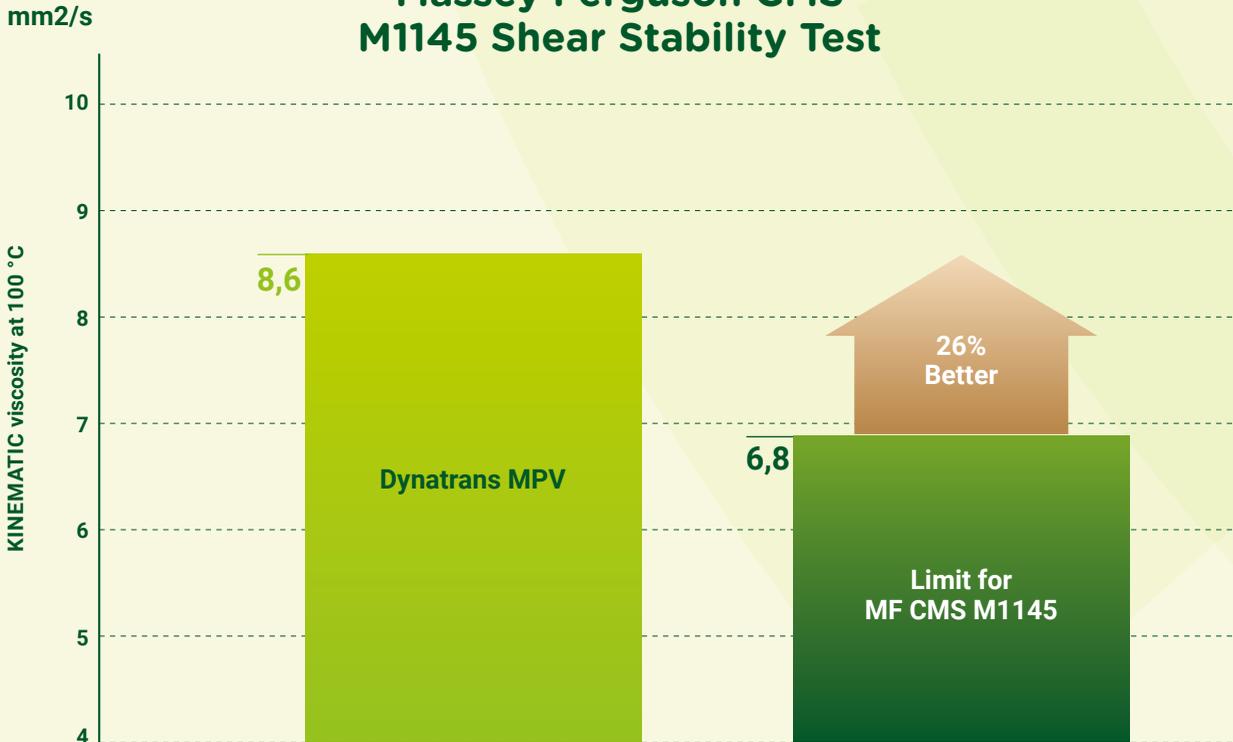
### Zoom on Dynatrans MPV

Thanks to its advanced technology, Dynatrans MPV has a superior oxidation stability and shear resistance compared to the industry limits. As a result the machine's performance and lifetime can be extended.

**Shear stability up to 26% higher compared to industry Limits.\***

\*MF CMS M1145 KRL 20h

### Massey Ferguson CMS M1145 Shear Stability Test



# UTTO Range

Dynatrans Products	Application	International Specifications	OEM Homologations (Original Equipment Manufacturers)
<b>Dynatrans VZ FE</b> 	<p>Synthetic technology UTTO. High performance lubricant, dedicated to Agricultural machinery axles, transmissions and hydraulic circuits.</p> <p>Extra benefits: Fuel Economy/Excellent resistance under extreme temperatures</p>	API GL-4	<p>Manufacturers' approvals:</p> <ul style="list-style-type: none"> <li>Massey F. CMS M1145</li> <li>Valtra G2-B10</li> <li>ZF TE-ML 03E/05F/06K (ongoing)</li> </ul>
<b>Dynatrans MPX</b>	<p>Advanced technology UTTO. Lubricant for transmissions with oil immersed disc brakes and hydraulic systems used on agricultural tractors and handling equipment.</p> <p>Extra benefits: Wide range of applications/ Outstanding oxidation stability and shear resistance</p>	API GL-4	<p>Manufacturers' approvals:</p> <ul style="list-style-type: none"> <li>ZF TE-ML03E/05F/06D/06K 06N/06R/17E/21F</li> <li>Valtra G2-08</li> <li>Volvo CE WB 101</li> </ul> <p>Recommended for Kubota UD</p>
<b>Dynatrans MPV</b>	<p>Advanced technology UTTO. Lubricant for transmissions equipped with oil-immersed disk brakes and hydraulic systems on agricultural tractors.</p> <p>Extra benefits: Wide range of applications. Excellent performances under both low and high temperatures</p>	API GL-4	<p>Manufacturers' approvals:</p> <ul style="list-style-type: none"> <li>Massey F. CMS M1145</li> <li>Valtra G2-08</li> <li>ZF TE-ML 03E/03L/05F/06P/17E/21F</li> <li>Volvo CE WB 101</li> </ul>
<b>Dynatrans LS 20W-40</b>	<p>Advanced technology UTTO. Lubricant for transmissions equipped with oil-immersed disk brakes and hydraulic systems on agricultural tractors.</p> <p>Extra benefits: High viscosity/Strong performances under really hot temperatures</p>	API GL-4	<p>Manufacturers' approvals:</p> <ul style="list-style-type: none"> <li>ZF TE-ML 05F/06K/17E/21F</li> </ul>
<b>Dynatrans CVT 10W-30</b>	<p>Lubricant specially developed for continuously variable transmission technology.</p>	API GL-4	<p>Manufacturers' approvals:</p> <ul style="list-style-type: none"> <li>Massey F. CMS M1145</li> <li>ZF TE-ML 06F</li> </ul>
<b>Dynatrans FR</b>	<p>Lubricant specifically developed for graphite brake discs.</p>	API GL-4	<p>Meets the requirements of:</p> <ul style="list-style-type: none"> <li>Claas / Renault Agriculture</li> <li>Massey F. CMS M1141/M1135</li> <li>New Holland NH 420A</li> <li>Ford WSS-M2C 86B/86C</li> </ul>
<b>Dynatrans WS 75W-90</b>	<p>Fully synthetic UTTO. Lubricant for transmissions operating at very low and very high temperatures equipped with wet brakes for agricultural machinery.</p>	API GL-4	<p>Suitable for:</p> <ul style="list-style-type: none"> <li>Massey F.   John Deere  </li> <li>CASE New Holland   AGCO...</li> </ul>
<b>Biotrans FX</b> 	<p>Fully synthetic UTTO. Very high quality biodegradable lubricant for transmissions equipped with wet disk brakes for agricultural machinery.</p>	API GL-4 ISO 15380: HEES	<p>Manufacturers' approvals:</p> <ul style="list-style-type: none"> <li>Massey F. CMS M1145</li> <li>ZF TE-ML 06P</li> </ul>

# Axles Range

Dynatrans Products	Application	International Specifications	OEM Homologations (Original Equipment Manufacturers)
<b>Dynatrans HD 80W-90</b>	<p>Advanced technology lubricants. Lubricants for heavily loaded axles installed on agricultural machinery.</p>	API GL-5 MIL-L-2105D	ZF TE-ML 05A/12E/16B/17B/19B/21A
<b>Dynatrans HD 85W-140</b>			ZF TE-ML 05A/12E/16B/21A
<b>Dynatrans LS 80W-90</b>	<p>Advanced technology lubricant. Lubricant for axles equipped with limited slip disc differential systems.</p>	API GL-5 LS MIL-L-2105D	ZF TE-ML 05C/12C/21C
<b>Biotrans LS FE 75W-90</b>  	<p>Fully synthetic lubricant. Very high performance synthetic biodegradable lubricant, coming from renewable raw materials, dedicated to final drives and axles with or without limited slip differentials.</p>	API GL-5 LS MIL-L-2105D	<p>Suitable for:</p> <ul style="list-style-type: none"> <li>Liebherr   Volvo CE   Terex  </li> <li>CASE New Holland   JCB   CLAAS</li> <li>Renault Agriculture   Deutz</li> </ul>

# Multagri

## Multifunctional Lubricants (STOU)

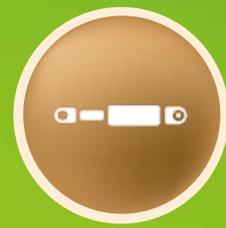


Multagri products are multifunctional lubricants: STOU (Super Tractor Oil Universal). Exclusively developed for the Agricultural segment, Multagri products provide an all in one solution to lubricate systems: Engine (up to API CG-4/ACEA E3), Gearbox, Axles with oil immersed brake discs and Hydraulic lift.



Multagri Products		International Specifications			OEM Homologations (Original Equipment Manufacturers)	
Product name	Application	ACEA	API (engine)	API (transmissions)	Approvals	Meets the requirements of
<b>Multagri Pro-Tec 10W-40</b>	Last generation multi-purpose lubricant of a non-conventional ultra high performance base for the lubrication of the mechanical components of tractors, agricultural machinery and related equipment in all seasons.	ACEA E3	API CG-4/SF	API GL-4	<ul style="list-style-type: none"> <li>Massey F. CMS M1145</li> <li>ZF TE-ML 06B/07B</li> </ul>	<ul style="list-style-type: none"> <li>Engines: Ford M2C 159B3   Massey F. CMS M1139/M1144   John Deere JDM J27</li> <li>Transmissions: Case MS 1206/1207   John Deere JDM J20A/J20C   Ford M2C86A/M2C134C/ M2C134D FNHA 2C 201.00   Massey F. CMS M1127A/M1135/M1143</li> <li>Automatic transmissions: Caterpillar TO-2   Allison C-4</li> </ul>
<b>Multagri MS 15W-40</b>	Multipurpose lubricant intended for the lubrication of the various components of agricultural tractors and harvesters, in all seasons.	ACEA E2	API CF-4/SF	API GL-4		<ul style="list-style-type: none"> <li>Engines: Ford M2C 159B3   Massey F. CMS M1139/M1144   John Deere JDM J27</li> <li>Transmissions: John Deere JDM J20A/J20C   Ford M2C86A/M2C134D FNHA 2C 201.00   Massey F. CMS M1127A/M1135/M1143</li> <li>Automatic transmissions: Caterpillar TO-2   Allison C-4</li> </ul>

# Hydragri Lubricants for Hydraulics



Hydragri is a range of advanced technology hydraulic fluids dedicated to Agricultural equipment. Thanks to their highly technical formulations and numerous international specifications, Hydragri range covers a wide range of uses.

As complementary ranges, Hydroflo and Biohydran are also adapted for Agricultural machinery.



Hydraulics Products			International Specifications
Product name	ISO VG	Application	And OEM Homologations (Original Equipment Manufacturers)
<b>Hydroflo CT</b>	46	High Performance, shear stable multi-grade hydraulic fluid with increased anti-wear performance, specially designed for hydrostatic and hydraulic systems exposed to great variations in temperature.  Its blue color makes it easier to gauge the fluid level and to detect leaks.	<ul style="list-style-type: none"> <li>• ISO 6743-4 HV</li> <li>• DIN 51524-3 HVLP</li> <li>• AFNOR NF E48-603 HV</li> </ul>
<b>Hydragri</b>	46	High performance hydraulic fluids, specially developed for Agricultural equipment.	<ul style="list-style-type: none"> <li>• AFNOR NF E48-603 HV</li> <li>• ISO 6743-4 HV</li> <li>• DIN 51524-3 HVLP</li> <li>• Cincinnati Milacron P68 P69/P70</li> <li>• Denison HF0/HF2</li> <li>• Vickers M-2950-S/I-286-S</li> </ul>
	68		
<b>Biohydran SE</b> 	32	Highly thermally stable biodegradable hydraulic fluid.	<ul style="list-style-type: none"> <li>• ISO 15380: HEES</li> <li>• DIN 51524 (for mineral oils): except DIN 51587 and ISO 13357</li> <li>• AFNOR FR/27/02</li> <li>• Swedish Standard SS 15 54 34</li> <li>• JCMAS HKB</li> <li>• Denison HF1/HF2/HF6</li> </ul>
	46		
	68		

# Prosylva

## Lubricants for Home Farming and Gardening



Prosylva is our range of advanced technology lubricants for Home Farming and Gardening.

Prosylva Products			International Specifications
Product name	Grade	Application	Standards
<b>Prosylva 2T SYN</b>		Synthetic based technology lubricant designed for very high speed 2-stroke engines used in mechanized farm equipment.	API TC JASO FD ISO L-EGC/EGD (detergency level)
<b>Prosylva 2T Z</b>		Advanced technology lubricant designed for 2-stroke engines used in mechanized farm equipment.	API TC JASO FB ISO L-EGB
<b>Prosylva 4T SYN</b>	10W-40	Synthetic based technology lubricant designed for 4-stroke gasoline engines used in demanding mechanized farming applications.	ACEA A3/B4 API SL
<b>Prosylva 4T</b>	15W-40	Advanced technology lubricant designed for 4-stroke gasoline and diesel engines in professional mechanized farming equipment.	API SG/CF-4



# Prosylva Chain

## Lubricants for Chainsaws



Prosylva Chain is our range of lubricants suitable for chainsaw chains for the lost oil lubrication of fast-moving machinery: wood chainsaw chains, conveyor belts, etc.

- Reduced splattering
- Reduced oil consumption
- Significantly reduced wear

Prosylva Chain Products			Technical Characteristics
Product name	ISO VG	Application	Customer benefits
<b>Prosylva Chain Classic</b>	100	Mainly adapted to the lubrication of mechanical chainsaws installed in wood cutting machinery.	High quality base oil High adhesive properties Good anti wear and anti-corrosion performances Optimal lubrication down to -20°C
<b>Prosylva Chain Expert</b>	150	Mainly adapted to the lubrication of manual chainsaws of woodcutters or mechanical chainsaws in wood cutting machinery.	Very high adhesive properties Optimal anti wear and anti-corrosion performances thanks to its formulation with reinforced additives Reduction of projections Lower oil consumption Suitable for all weather conditions
<b>Prosylva Chain Extrem</b>	220	Particularly recommended for high speed machinery and industrial chain conveyors.	Very high adhesive properties Reinforced additives formulation against wear Improved anti-corrosion properties High viscosity for an optimal lubrication even under severe conditions Very resistant to high temperatures
<b>Prosylva Chainbio</b>	100	Biodegradable lubricant for chainsaw. Recommended for the lost lubrication of fast-moving machinery: wood chainsaw chains, pruning saws, ect.	Environmental friendly lubricant with a high biodegradability: 89% Rapid biodegradation Low toxicity Oil throw off reduction Guide and chain wear reduction Oil consumption reduction

### Our Tips for chainsaw lubrication:

1

Lubricate **regularly**  
(Handy tip: lubricate less but more often)

2

For a manual chainsaw:  
**use a funnel**

3

Change your oil **according to the season**

4

Use a **BIO lubricant** in protected areas

5

For **customized recommendations**, speak to your TotalEnergies contact person

# A-Grease

## Greases for Agriculture



A-Grease is our dedicated range of greases developed to meet agricultural equipment's needs, in different environmental conditions.

### A-Grease Complex HV 2

A multi-purpose, very high-performance grease based on a high temperature and extreme pressure resistant lithium complex soap. This grease is particularly suited to lubricate equipment that has to operate in difficult conditions.



- Safety: Excellent mechanical and thermal stability for greasing under heavy load and high temperature constraints
- Streamlining: One single grease for all your needs
- Optimisation: Reduced maintenance costs thanks to its lithium complex soap formulation

### A-Grease Fil EP 2

Tacky multi-purpose grease with lithium/calcium soap and high extreme pressure properties. This grease is particularly suitable for applications in the agricultural industry, even in the presence of water and dust.



- Excellent adhesion thanks to its tackiness
- Improved resistance to water washout
- Extreme pressure and anti-wear additivation, suitable for lubricating machinery even when loaded

### A-Grease Classic

Multi-purpose, grease for general usage. This grease is suitable for all applications with no particular restrictions.



- Excellent quality/price ratio
- Excellent mechanical stability during working time
- Ideal for all standard greasing operations

**International Specifications:**  
ISO 6743-9: L-XBEHB 2  
DIN 51502: KP2P-30

**International Specifications:**  
ISO 6743-9: L-XBCEB 2  
DIN 51502: KP2K-25

**International Specifications:**  
ISO 6743-9: L-XBCEB 2  
DIN 51502: KP2K-20



MECHANICAL STABILITY



THERMAL STABILITY



RESISTANCE TO LOADS



ADHESION

1

Grease **regularly**  
(handy tip: lubricate less but more often)

2

**Uniform** greasing of all the concerned parts

3

**Clean** the grease nipples before applying the grease

4

**Consult** your manufacturer's maintenance manual

5

For **customized recommendations**, speak to your TotalEnergies contact person

# Specialty Products



## Coolagri, Coolant for Agriculture

Ready to use very long life coolant for agricultural machinery, based on highly pure monoethylene glycol and organic corrosion inhibitors.

### International Specifications:

- AFNOR NFR 15-601
- ASTM D3306/D4656/D4985/D6210
- BS 6580
- SAE J 1034

### OEM Approvals:

MAN 324 type SNF  
MTU MTL 5048

## Agritrait, Lubricant for Milking machines

Lubricant for the vacuum pumps of milking machines (vane pumps, screw pumps, roots type rotary piston pumps).

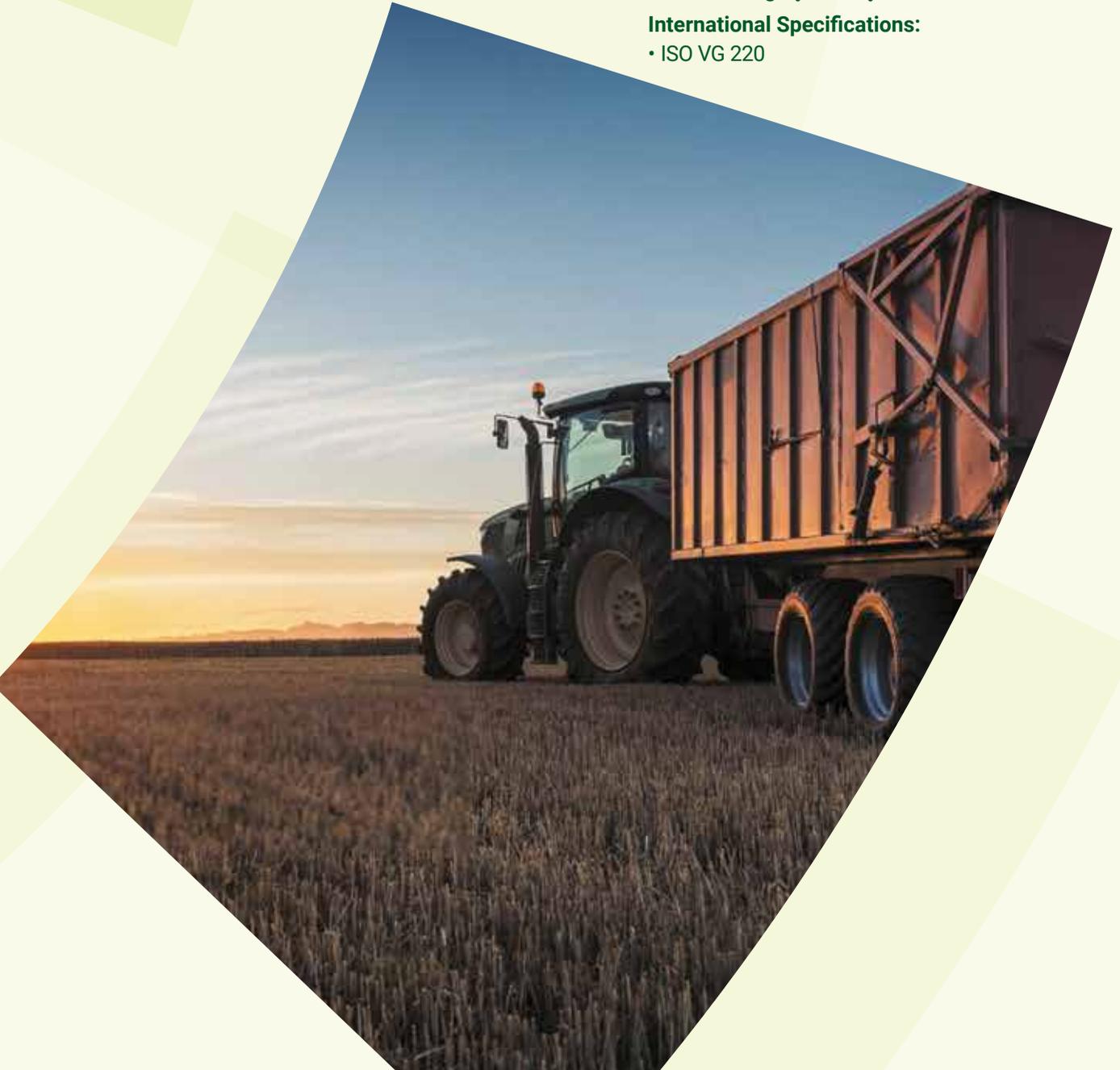
### International Specifications:

- ISO VG 68

## Vacuum Pump Oil, Oil for lost lubrication of slurry pumps.

### International Specifications:

- ISO VG 220



# Fuel Economy Concept



Our Fuel Economy products are specially formulated to maximize fuel economy properties without compromising on the engine protection.

## Why would you choose our products?



### Over 20 years of Fuel Economy Experience

TotalEnergies has been developing Fuel Economy products since the 1990's. Today, a third of TotalEnergies engine oils sold worldwide is formulated with Fuel Economy technology.



### Fuel Economy Lubricants for every application

Our wide range of Fuel Economy solutions are suited for every application, including engines, gearboxes and axles.



### Fuel Economy Partnerships with OEMs

Tractagri and Dynatrans Fuel Economy ranges are developed in close cooperation with key OEMs. Therefore, the range is fully approved for use in their equipment to achieve the Fuel Economy targets of the OEMs.



### Tested in real-world conditions and Certified for Fuel Savings

Our Fuel Economy lubricants are tested on actual fleets operating in real-world conditions, and certified by independent testing organizations such as TÜV Rheinland, UTAC, and Millbrook.

Tractagri Products		International Specifications		OEM Homologations (Original Equipment Manufacturers)	
Product name	Grade	ACEA	API	Approvals	Meets the requirements of
<b>Tractagri S5R FE</b>  	5W-30	E4, E6, E7, E9	CK-4	<ul style="list-style-type: none"> <li>• Deutz DQC IV-18 LA</li> <li>• Deutz TTCD</li> <li>• Volvo VDS-4.5</li> <li>• MB-Approval 228.51/228.52</li> <li>• MAN M 3677/M 3775</li> </ul>	<ul style="list-style-type: none"> <li>• Caterpillar ECF-3/ECF-2/ ECF-1-a</li> <li>• FPT-Iveco TLS E6</li> <li>• CNH MAT 3521</li> <li>• Cummins CES 20086</li> </ul>
<b>Tractagri HDZ FE</b>  	10W-30	E7, E9	CK-4	<ul style="list-style-type: none"> <li>• Cummins CES 20086</li> <li>• Deutz DQC III-18 LA</li> <li>• MB-Approval 228.31</li> <li>• Volvo VDS-4.5</li> </ul>	<ul style="list-style-type: none"> <li>• Caterpillar ECF-3/ECF-2/ ECF-1-a</li> <li>• CNH MAT 3521</li> </ul>
<b>Tractagri HDX FE</b> 	10W-30	E7	CI-4	<ul style="list-style-type: none"> <li>• Cummins CES 20078</li> <li>• Deutz DQC III-8</li> <li>• MB-Approval 228.3</li> </ul>	<ul style="list-style-type: none"> <li>• Cummins CES 20077/20076</li> <li>• Caterpillar ECF-2/ECF-1-a</li> <li>• Case MS 1121</li> <li>• CNH MAT 3507</li> <li>• New Holland NH 324H</li> </ul>
Dynatrans Products		International Specifications		OEM Homologations (Original Equipment Manufacturers)	
Product name	Grade	ACEA	API	Approvals	Meets the requirements of
<b>Dynatrans VZ FE</b> 	API GL-4			Manufacturers' approvals: <ul style="list-style-type: none"> <li>• Massey F. CMS M1145</li> <li>• Valtra G2-B10</li> <li>• ZF-TE-ML 03E/05F/06K (ongoing)</li> </ul>	<ul style="list-style-type: none"> <li>• Massey Ferguson CMS M1143</li> <li>• Ford FNHA 2C 201.00/ M2C 134-D</li> <li>• John Deere JDM J20C</li> <li>• McCormick HTX</li> <li>• Claas / Renault Agriculture</li> </ul>

# Main Agri Ranges at a glance

Engine		Transmissions		STOU	
Tractagri		Dynatrans		Multagri	
<b>S5R</b> 10W-40	API CK-4 ACEA E4, E6, E7, E9	<b>UTTO</b>		<b>PRO-TEC</b> 10W-40	API CG-4/SF API GL-4 ACEA E3
<b>S5R FE</b> 5W-30	API CK-4 ACEA E4, E6, E7, E9	<b>VZ FE</b>	API GL-4 Synthetic technology UTTO Cold flow properties	<b>MS</b> 15W-40	API CF-4/SF API GL-4 ACEA E2
<b>HDZ</b> 10W-40	API CK-4/SN ACEA E7, E9	<b>MPX</b>	API GL-4 Wide range of application Kubota recommended	<b>Gardening &amp; Chainsaw</b>	
<b>HDZ FE</b> 10W-30	API CK-4 ACEA E7, E9	<b>MPV</b>	API GL-4 Wide range of application	Prosylva	
<b>HDZ</b> 15W-40	API CK-4/SN ACEA E7, E9	<b>LS</b> 20W-40	API GL-4 High viscosity for hotter climates	<b>2T Z</b>	ISO L-EGB (PROSYLVA 2T Z) API TC JASO FB
<b>HDX</b> 15W-40	API CI-4/SL ACEA E7	<b>CVT</b> 10W-30	API GL-4 Continuously variable transmission	<b>2T SYN</b>	API TC JASO FD ISO L-EGC/EGD
<b>HDX FE</b> 10W-30	API CI-4 ACEA E7	<b>FR</b>	API GL-4 Graphite brake discs	<b>4T</b> 15W-40	API SG/CF-4
<b>HDM</b> 15W-40	API SG/CF-4	<b>WS</b> 75W-90   ISO VG: HV 100	API GL-4 Fully synthetic UTTO Extreme temperatures (PAO based)	<b>4T SYN</b> 10W-40	API SL ACEA A3/B4
<b>Hydraulic</b>		<b>Biotrans FX</b>	API GL-4   ISO 15380: HEES	<b>Prosylva Chain</b>	
<b>Hydroflo CT</b> ISO VG: 46	ISO 6743-4 HV DIN 51524-3 HVLP	<b>Axles</b>		<b>Classic</b>	ISO VG 100
<b>Hydragri</b> ISO VG: 46-68	ISO 6743-4 HV DIN 51524-3 HVLP	<b>DA</b> 80W-90/85W-140	API GL-5 LS Limited slip/ self locking axles	<b>Expert</b>	ISO VG 150
<b>Biohydran SE</b> ISO VG: 32-46-68	ISO 15380: HEES DIN 51524	<b>LS</b> 80W-90	API GL-5 LS Limited slip differentials/ self locking axles	<b>Extrem</b>	ISO VG 220
		<b>HD</b> 80W-90/85W-140	API GL-5 Heavy loaded axles: axles, hypoid and reduction gearboxes	<b>Chainbio</b>	ISO VG 100
		<b>Biotrans LS FE</b> 75W-90	API GL-5 LS	<b>Others</b>	
		<b>Grease</b>		<b>Agritraite</b>	ISO VG 68
		<b>A-Grease</b>		<b>Vacuum Pump Oil</b>	ISO VG 220
		<b>Classic</b> NLGI GRADE: 2	ISO 6743-9: L-XBCEB 2 DIN 51502: KP2K -20	<b>Coolagri Organic - 37°C</b>	AFNOR NFR 15-601 ASTM D3306/D4656/ D4985/D6210 BS 6580 SAE J 1034
		<b>Fil EP 2</b> NLGI GRADE: 2	ISO 6743-9: L-XBCEB 2 DIN 51502: KP2K -25		
		<b>Complex HV 2</b> NLGI GRADE: 2	ISO 6743-9: L-XBEHB 2 DIN 51502: KP2P -30		

# Anac Agri

A preventive maintenance tool for all the components of your machinery:

- ☑ **Extend the lifetime of your tractor and machinery**
- ☑ **Increase value of your equipment for resale**
- ☑ **Optimize reliability and performance**

## What is the ANALYSIS Compared?

Anac Agri is a preventive maintenance tool and a fleet management system based on used oils analyses ensuring a significant reduction of maintenance costs by:

- **Preventing possible breakdowns,**
- **Following regularly the condition of the lubricant and the wear of the mechanical components,**
- **Reinforcing the lifetime and the reliability of the machines,**
- **Optimizing the drain intervals safely.**

Our professional clients are active in the automotive sector (road transport or non-road transport), industry and marine (internal and international markets). The Anac Agri diagnostic service is provided worldwide by TotalEnergies subsidiaries to end users.

## Anac Agri, Agriculture expert

**How does Anac generate the diagnosis and propose remedial actions?**

The diagnosis and related corrective measures are provided by the Anac Agri system, which is based on:

- **40 years of experience** and contribution to the Anac database, over **7 million analyzes on 1 million monitored organs,**
- **Customers feedback** on successful remedial actions,
- **A comparison between the measured values and the wear references** thanks to algorithms allowing the results to be independent from variable parameters such as oil level or drain intervals.

## Preventive maintenance tool for your agricultural equipment

A single analysis to cover all of your needs by ensuring optimal technical performance.



### Minimising downtime of the entire fleet

Prevention of possible mechanical breakdowns.



### Increases the lifetime of your machinery

Decrease of the risk of mechanical components excessive wear.



### Optimizes maintenance costs of your machinery

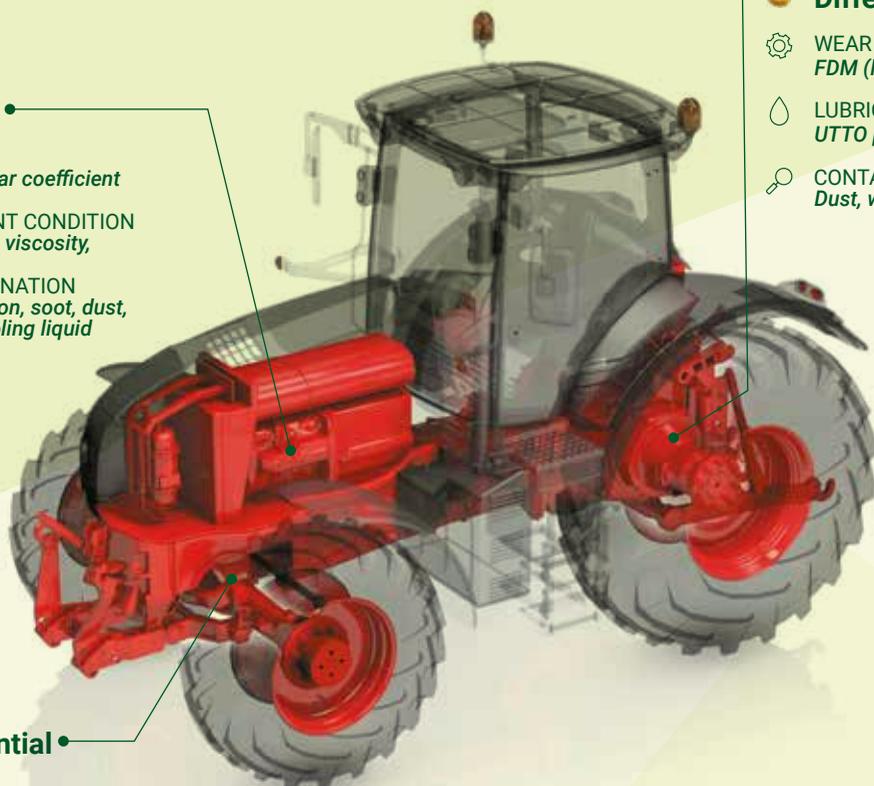
Control of your maintenance budget.



### The resale value of your machinery

Optimisation of the resale value thanks to a complete and regular maintenance monitoring.

-  **Engine**
-  WEAR  
*Global wear coefficient*
-  LUBRICANT CONDITION  
*Oxidation, viscosity,*
-  CONTAMINATION  
*Fuel dilution, soot, dust, water, cooling liquid*



-  **Transmission Hydraulic Differential**
-  WEAR  
*FDM (large iron particles)*
-  LUBRICANT CONDITION  
*UTTO performance, viscosity*
-  CONTAMINATION  
*Dust, water*

-  **Differential**
-  WEAR  
*FDM (large iron particles)*
-  LUBRICANT CONDITION  
*Viscosity*
-  CONTAMINATION  
*Dust, water*

-  MEASUREMENT OF MECHANICAL WEAR
-  FOLLOW-UP OF THE LUBRICANT CONDITION
-  MEASUREMENT OF POSSIBLE CONTAMINATIONS

## Our customers talk about us

**Thierry BOLOT**  
 Technical director, FAUPIN  
 Group France

*« Anac oil analyses have improved preventive maintenance of our high-wheel tractors with regular checks of engine condition. We need machinery in good working order all year round. Plus, the analyses give us food for discussions with our manufacturer on machinery operation. »*

**Alejandro CASTILLO**  
 Agricultural Division Manager/  
 Engineer Ser San Antonio -  
 Nicaragua

*« We use the Anac service every year to check motor and axles oil quality and to spot and prevent potential premature wear. »*



**TotalEnergies**