

## 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/06F/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>	Lubricant specially developed for continuously variable transmission technology.	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>	Lubricant specifically developed for graphite brake discs.	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>	Fully synthetic UTTO. Lubricant for transmissions operating at very low and very high temperatures equipped with wet brakes for agricultural machinery.	API GL-4	Suitable for: Massey F.   John Deere   CASE New Holland   AGCO...
<b>Biotrans FX</b> 	Fully synthetic UTTO. Very high quality biodegradable lubricant for transmissions equipped with wet disk brakes for agricultural machinery.	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>  	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.	API GL-5 LS MIL-L-2105D	<p>Suitable for:</p> <ul style="list-style-type: none"> <li>Liebherr   Volvo CE   Terex   CASE New Holland   JCB   CLAAS   Renault Agriculture   Deutz</li> </ul>



**TotalEnergies**



## Your daily partner Tailor-made lubricants for agriculture

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



**TotalEnergies**



 [lubricants.totalenergies.com](https://lubricants.totalenergies.com)

# 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	
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.
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	
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		

# 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.



# 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:

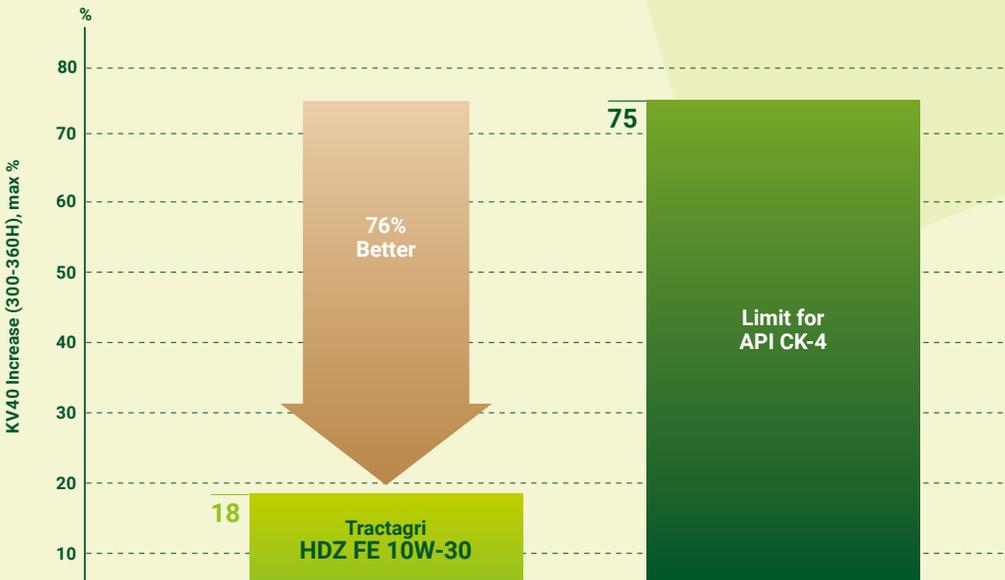
- Increased uptime and lower maintenance costs
- Exceed API and ACEA specifications
- Outstanding protection against mechanical wear
- Lower oil consumption

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



# 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 Agri Products?



### Over 20 years of FE 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 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.



### Fuel Economy Lubricants for every application

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



### 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.

# 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

# 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		