

AGRIFARM



Lubricants for Agriculture



LUBRICANTS. TECHNOLOGY. PEOPLE.

We focus consistently on high-quality lubricants and related specialties.

We develop innovative and holistic solutions for a wide variety of applications.

We value the high level of commitment of our employees and their trusting interaction with one another.



Facts and figures

Company: FUCHS LUBRICANTS SOUTH AFRICA, a company of the FUCHS Group

Product range: A full range of more than 2,000 products and 6,000 articles

Certifications: ISO 9001:2015

References: One of the leading lubricants OEM for the German automotive industry

FUCHS has developed, produced and sold high-quality lubricants and related specialties for more than 85 years – for virtually all areas of application and sectors. With over 100,000 customers and 57 companies worldwide, the FUCHS Group is the leading independent supplier of lubricants.

A team of more than 800 specialists across Germany works to guarantee the satisfaction of our customers. Whatever their requirements, we have the ideal lubricant for their specific applications and processes. In our technology center we link interdisciplinary expertise in a quick and efficient way – and work on innovative lubricant solutions to meet the demands of today and tomorrow every single day.

FUCHS lubricants stand for performance and sustainability, for safety and reliability, for efficiency and cost savings. They represent a promise: technology that pays off.



AGRIFARM
SAFETY IS OUR STRENGTH

With AGRIFARM lubricants, you are placing your trust in a wealth of experience gathered over the course of decades. FUCHS has been active in the agricultural lubricant market for more than 70 years, both as an OEM for machine manufacturers and in the field of workshop services. The latest innovative lubricants under the AGRIFARM brand secure maximum operational reliability of all agricultural units – from engines and transmissions, right through to hydraulics in all machines and vehicles.

Safety during application

AGRIFARM lubricants have proved extremely successful even under the very toughest conditions and thereby offer the highest level of reliability for your vehicle fleet.

AGRIFARM will make the difference for you

AGRIFARM products are lubricants of the very highest quality made by FUCHS, which meet the latest standards of leading manufacturers in terms of application safety. FUCHS only uses selected base oils and specially developed additives for the manufacturing of AGRIFARM lubricants.

Our expertise guarantees the greatest reliability. AGRIFARM is the worldwide specialist for high-end

Agricultural machines must deliver top performance on a daily basis. As a professional, you know how decisive the right oil is for the performance and durability of such a machine. So place your trust in the FUCHS AGRIFARM range of high-tech lubricants.

Noticeably increased oil change intervals in engines and significantly fewer signs of wear are just some of the visible

Special lubricants for agriculture

Alongside lubricants that can only be used for a certain component there are also the all-rounders: the STOU and UTTO products that come into use in agricultural applications.

Both were developed for use in transmission and hydraulic systems and can also be deployed in brakes designed to run in an oil bath (wet brakes).

STOU products can also be used in an engine if the respective specifications are met. In other words, a STOU is an UTTO with engine performance. An overview is provided in the table below.

Aggregate	UTTO*	STOU**
Engine (with or without turbocharging)		X
Manual gearboxes	X	X
Gearboxes and gearbox-hydraulic systems with or without integrated wet brakes	X	X
Hydraulic systems	X	X
Final drives	X	X

*UTTO = Universal Tractor Transmission Oil

**STOU = Special Tractor Oil Universal

Limited Slip (LS)

LS lubricants are gear oils for differentials with disc lock, which guarantee perfect functionality and low noise under all loads.

FUCHS AGRIFARM makes all the difference

The highest quality and the largest selection – guaranteed

With a broad portfolio of specially developed lubricant solutions, FUCHS AGRIFARM offers optimal all-round protection for your machines.

STOU

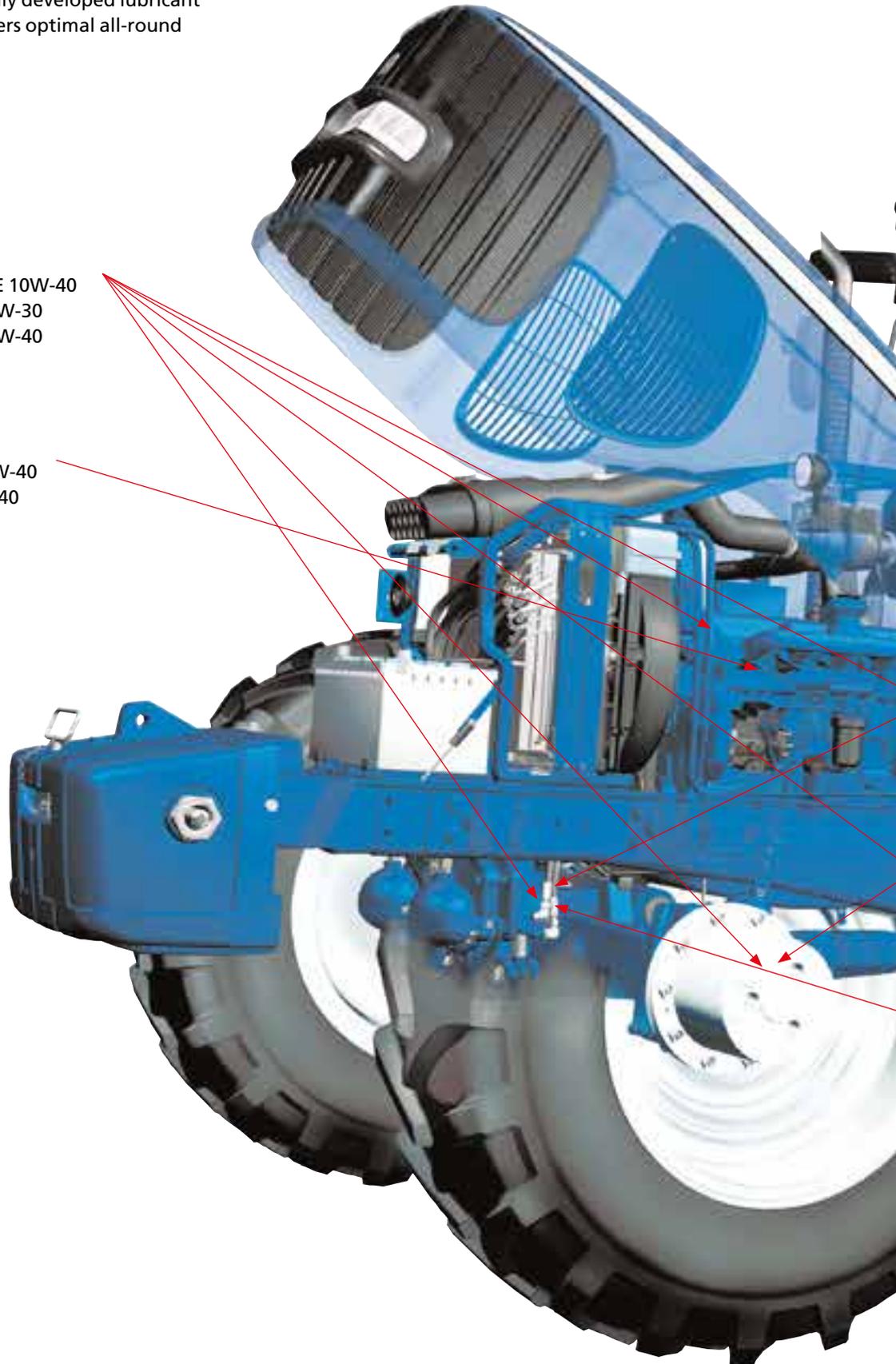
AGRIFARM STOU MC SAE 10W-40
AGRIFARM STOU SAE 15W-30
AGRIFARM STOU SAE 15W-40

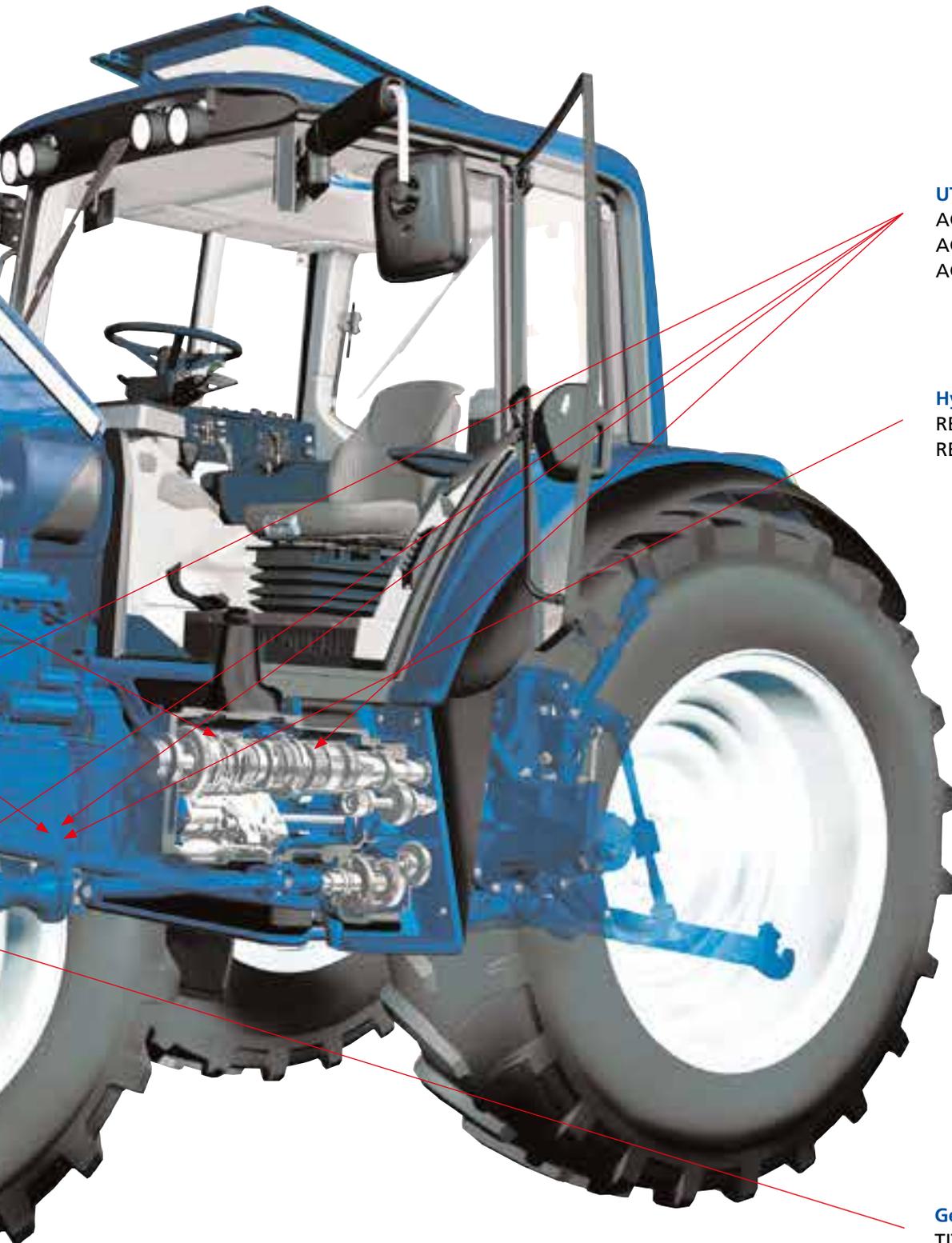
Engine

AGRIFARM MOT SAE 15W-40
TITAN CARGO SAE 15W-40

Greases

RENOLIT LX220 EP2
RENOLIT M2 EP





UTTO

AGRIFARM UTTO VT
 AGRIFARM UTTO MP
 AGRIFARM UTTO HTF

Hydraulic

RENOLIN B HVI
 RENOLIN HO

Gearbox

TITAN GEAR LS SAE 90
 TITAN GEAR HYP SAE 90

AGRIFARM overview of products

Brand name	Description	Specifications	Approvals	FUCHS Recommendations
AGRIFARM STOU Oils				
AGRIFARM STOU MC PRO SAE 10W-40	Super High Performance Multifunctional Oil (STOU / MFO) based on MC-base-oil technology for engines, manual gearboxes, wet brakes, hydraulics and turbo- drives in tractors and other agricultural and other commercial vehicles.	API GL-4 SAE J300: SAE 10W-30	DEUTZ DQC I-02 FENDT KDM 17 / 2012 ZF TE-ML 06B, 06F, 07B (ZF000729)	API GL-5 in tractors* ACEA E3 API CG-4 MAN 271 AFNOR NFE 48603 HV ALLISON C-4 CASE MS 1207, 1209, 1210, 1230 CNH MAT 3505, 3509, 3525, 3526 DIN 51524-3: HVLP (-D) FORD M2C134-D, M2C159-B/C FNHA 2C-200.00, 201.00, FORD M2C48-C3, M2C-86 B JOHN DEERE JDM J20C NEW HOLLAND 82009201/2/3 NH 030C, 330G, 410B, 420A, 526C MASSEY FERGUSON CMS M 1145, 1144, 1143, 1139, 1135 SAE J306: SAE 80W-90 ZF TE-ML 06A, 06C, 06L * without HOLMER
AGRIFARM STOU SAE 15W-30	High Performance Multifunctional Oil (STOU / MFO) for engines, manual gearboxes, wet brakes, hydraulics in tractors and other agricultural equipment.	API GL-4	-	ACEA E2 API CF-4 CNH MAT 3525, 3526 DIN 51524 : HLP (-D) FNHA 200.00, 201.00 FORD M2C134-D, M2C159-B/C JOHN DEERE JDM J20C MASSEY FERGUSON CMS M 1145, 1144, 1143, 1139, 1135 NEW HOLLAND 82009201/2/3 NH 420A SDFG OU 1391, OT 1891 STEYR D-401 ZF TE-ML 06A, 06B, 06C, 07B
AGRIFARM STOU SAE 15W-40	High Performance Multifunctional Oil (STOU / MFO) for engines, manual gearboxes, wet brakes, hydraulics in tractors and other agricultural equipment.	API GL-4	FENDT KDM 17 2012	ACEA E2 API CF-4 CNH MAT 3525, 3526 DIN 51524 : HLP (-D) FNHA 200.00, 201.00 FORD M2C134-D, M2C159-B/C JOHN DEERE JDM J20C MASSEY FERGUSON CMS M 1145, 1144, 1143, 1139, 1135 NEW HOLLAND 82009201/2/3 NH 420A SAE J306: 80W-90 SDFG OU 1391, OT 1891 STEYR D-401 ZF TE-ML 06A, 06B, 06C, 07B

Brand name	Description	Specifications	Approvals	FUCHS Recommendations
AGRIFARM Engine Oils				
TITAN CARGO SAE 15W-40 	Ultra High Performance, fuel-economy engine oil for a variety of commercial vehicle diesel engines. Specially developed for Volvo with extended service intervals, exhaust after treatment and turbocharger	ACEA E9 API CJ-4/CI-4 PLUS/CI-4/SM CAT ECF-2/ECF-3 JASO DH-2	CUMMINS CES 20081 DEUTZ DQC III-10 LA DETROIT DIESEL 93K218 MACK EO-O PREMIUM PLUS MAN M 3575 MB-APPROVAL 228.31 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4	ALLISON C-4
AGRIFARM MOT SAE 15W-40	Super High Performance Engine Oil for normally aspirated and turbocharged diesel engines in tractors and other machinery which make high demands on service intervals and engine cleanliness.	ACEA E7 API CI-4 / SL GLOBAL DHD-1 CAT ECF-1-a / ECF-2	DEUTZ DQC III-10 MB-APPROVAL 228.3	ALLISON C-4 CAT TO-2 CASE MS 1121 CUMMINS CES 20071 / 2 / 6 / 7 / 8 DETROIT DIESEL 93K215 IVECO 18-1804 CLASSE T2 E7 MACK EO-N MAN M 3275-1 MTU DDC TYPE 2 NH 330H RENAULT RLD / RLD-2 STEYR A-201 VOLVO VDS-3

Note

The information contained in this brochure is based on the experience and expertise of FUCHS LUBRICANTS SOUTH AFRICA in the development and manufacture of lubricants and represents the current state of the art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pretreatment, possible external contamination, etc. For this reason, it is not possible to make universally valid statements about the function of our products. Our products must not be used in aircraft/spacecraft or parts thereof. This does not apply insofar as the products can be removed again before components are fitted in an aircraft/spacecraft. The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application. We therefore recommend that you consult a FUCHS LUBRICANTS SOUTH AFRICA application engineer to discuss application conditions and the performance criteria of the products before the products are used.

It is the responsibility of the user to test the functional suitability of the products and to use them with the corresponding care. Our products are subject to continuous further development. We therefore retain the right to change our product range, the products, and their manufacturing processes as well as all details in this brochure at any time and without warning, provided that no customer-specific agreements exist that require otherwise.

With publication of this product information leaflet, all previous editions cease to be valid.

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AGRIFARM overview of products

Brand name	Description	Specifications	Approvals	FUCHS Recommendations
AGRIFARM UTTO Oils				
AGRIFARM UTTO VT NEW	Ultra High Performance Multifunctional Oil (UTTO/MFO) for use in transmission and hydraulic systems with integrated wet brakes, clutches and differentials for agricultural and construction machinery.	API GL-4	ZF TE-ML 06B, 06D, 06N, 07B (ZF002035)	ACEA E2 API CF-4/CG-4/SF ALLISON C-4 CAT TO-2 FORD M2C159-B/C JOHN DEERE JDM J20C JOHN DEERE JDM J27 MASSEY FERGUSON CMS M 1145 (1144, 1143, 1139, 1135) SAE J300: 10W-30 SAE J306: 80W-80 ZF TE-ML 06C, 06F, 06Q, 06R
AGRIFARM UTTO MP	Super High Performance Multifunctional Oil (UTTO/MFO) for use in transmission and hydraulic systems with integrated wet brakes, clutches and differentials for agricultural and construction machinery.	API GL-4	ZF TE-ML 03E, 05F, 06K, 17E, 21F (ZF002183)	AGCO Powerfluid 821 XL AGCO Q-186 (Whitefarm) ALLISON C-4 CASE MS 1230, 1210, 1209, 1207, 1206 CLAAS / LANDINI / SAME-Transmission CNH MAT 3505, 3506, 3509, 3525, 3526, 3540 FNHA-2-C-200.00 / -201.00 FORD M2C48-C3, ESN M2C86-B/C, M2C134-D JOHN DEERE JDM J20C KUBOTA UDT FLUID MASSEY FERGUSON CMS M 1145, 1143, 1141, 1135 NH 410B SAE J300: 10W-30 SAE J306: 75W-80 SDFG OT 1891 A VALTRA G2-08, G2-B10
AGRIFARM UTTO HTF	Multifunctional Oil (MFO) designed for transmissions, final drives, hydraulics and oil immersed brakes of agricultural and certain offhighway equipment.	API GL-4	–	SAE J300: 15W-30 SAE J306: 80W MASSEY FERGUSON CMS M 1135 CNH MAT 3505

FUCHS Oil Chooser

It could hardly be easier:

Our Oil Chooser can be found at www.fuchs.za

Simply choose your vehicle type and select the make and model. A window appears with an overview of the optimum lubricants for your vehicle. All you have to do is click on the appropriate application and you will be shown the product you require.



Direct link to **FUCHS Oil Chooser**



Quick overview of all information

All vehicle types available

User friendly operation



TITAN

With a full portfolio of lubricants for the most diverse range of applications, FUCHS is a leading lubricant partner to the automotive industry.

Brand name	Description	Specifications	Approvals	FUCHS Recommendations
Gear Oils				
TITAN GEAR LS SAE 90 	High Performance LS (Limited Slip) hypoid gear oil for axles with or without limited slip differentials.	API GL-5 SAE J306: 85W-90	ZF TE-ML 05C, 12C, 16E, 21C (ZF000651)	MIL-L-2105 D FORD M2C104-A JOHN DEERE JDM J11F NH 520B VOLVO 97310
TITAN GEAR HYP SAE 90 	High Performance Gear Oil for highly-stressed differentials in commercial vehicles and passenger cars.	API GL-5 SAE J306: 85W-90	MB-APPROVAL 235.0 ZF TE-ML 16C, 17B, 19B, 21A (ZF000656)	FORD SR-M2C9102-A JOHN DEERE JDM J11E MAN 342 TYPE M1 OPEL 19 42 387 VOLVO 97310 VW TL 727 ZF TE-ML 07, 08
TITAN SUPERGEAR SAE 80W-90 	High Performance Gear Oil for extended oil change intervals.	API GL-4/GL-5	MAN 342 TYPE M2 ZF TE-ML 05A, 12E, 17B, 19B, 21A (ZF000647)	MIL-L-2105 D VOLVO 97310 NH 520A STEYR B-101
Miscellaneous				
AGRICENT SAW CHAIN	Mineral based lubricating oil blended from specially selected base oils, anti-wear and tackiness additives for use in agricultural chains, and other chain applications.	-	-	-
WM PENN TWO STROKE OIL	Lubricating oil designed to meet the demands of modern air cooled, two-stroke motor cycles, lawnmowers, chain saws and other similar two-stroke engines.	API TC JASO FC ISO-L-EGC	-	-
MAINTAIN FRICOFIN 	Super High Performance Coolant concentrate based on monoethylene glycol. Free from nitrite, amine and phosphate. Product dyeing: blue-green.	AFNOR NF R 15-601 TYPE 1 AS/NZS 2108:2004 TYPE A ASTM D 3306 TYPE I ASTM D 4985 BS 6580:2010 CUNA NC 956-16 SAE J814 SAE J1034	BMW GS 94000 (BMW N 600 69.0) CAT / MWM TR 0199-99-2091 DEUTZ DQC CA-14 GE JENBACHER TA 1000-0201 MAN 324 TYPE NF MAN 324 TYPE NF PRITARDER MB-APPROVAL 325.0 MTU MTL 5048 PN-C 40007:2000 VOITH TURBO 172.00225010	DAF 74001 LIEBHERR TLV 035/TLV 23009 A OPEL/GM B 040 0240 VW TL 774-C (G11)
MAINTAIN DOT 4 	Super High Performance Brake Fluid for hydraulic brake systems and clutch actuation in passenger cars, trucks and motorcycles.	FMVSS NR. 116 DOT 3/ DOT 4 ISO 4925 CLASS 3/4 SAE J1703/J1704	-	FORD M6C62-A FORD M6C9103-A NH 800A OPEL 19 42 421
PENTOSIN LHM +	Ultra High Performance Central Hydraulic Fluid for use in the comfort and safety area of PSA vehicles. Product dyeing: green-yellow.	-	PSA B71 2710	IVECO 18-1823 MASSEY FERGUSON NH 610A SDFG OF16115



FUCHS industrial lubricants can make a significant contribution to achieving higher productivity, improving efficiency and saving energy, for example in hydraulic systems, gear units and many other applications.

Brand name	Description	Specifications	Approvals	FUCHS Recommendations
Miscellaneous				
ANTICORIT G70	Water repellent penetrating lubricant.	-	-	-
BIO CLEAN	Solvent Free Biodegradable and environmentally friendly degreaser.	-	-	-
BIO CLEAN PREMIX	Ready to Use Solvent Free Biodegradable and environmentally friendly degreaser	-	-	-
WM PENN ENGINE CLEANER	Hydrocarbon and emulsifier blend, heavy duty cleaner.	-	-	-
RENOCLEAN GRIT HANDCLEANER BLUE	Hand washing paste	-	-	-

RENOLIN overview of products

RENOLIN B 68 HVI	EP lubricating and hydraulic oil with high viscosity index	DIN 51524-3, HVLP ISO 6743-4, HV ISO 11158 Denison HF0 Bosch Rexroth Vickers US Steel Cincinnati Milacron	-	-
RENOLIN HO 68	Zinc Free, mineral hydraulic oils.	-	-	-
RENOLIN CLP 1000	Heavy duty - EP - industrial gear oil of highest performance, outstanding extreme pressure characteristics and load carrying capacity.	DIN 51 517-3 (2011): CLP ISO 6743-6 and ISO 12925-1: CKC / CKD AGMA 9005/E02: EP AIST 224 David Brown S1 53.101	Siemens / Flender, Bocholt, Germany, Flender BA 7300, table A Müller Weingarten AG, Germany DT 55 005, 10/2003	-
RENOLIN VACUUM PUMP OIL	Paraffinic base oils which have been carefully refined to give very high oxidation stability, and contain corrosion inhibitors and anti-oxidants.	-	-	-

RENOLIT LUBRICATING GREASES FOR YOUR UNITS

Lubricating greases are consistent lubricants made up of base oil and a specially chosen thickener. To increase certain properties, additives are added to the lubricating greases.

Lubricating greases are structural elements, especially when used as long-life lubricants for lifetime lubrication.

RENOLIN lubricating greases are a balanced and complete package offering the ideal technical and economical solution in the largest possible number of lubricating grease applications in agriculture.

RENOLIT overview of products

Brand name	Description	Specifications	Approvals	FUCHS Recommendations
Greases				
RENOLIN M2 EP	High Performance Multipurpose Grease based on lithium soap for all grease lubrication points in passenger cars and commercial vehicles. NLGI 2. -15 °C to +120 °C.		–	SKF R2F Test Condition A SKF AF Test Timken Specification 2891
RENOLIN LUBRENE LX 220 EP2	High performance Lithium Complex Grease with antioxidant, anti-corrosion and extreme pressure additives making it suitable for use general purpose and specialized applications. NLGI 2. -30 °C to +160 °C.	–	–	–
RENOLIN LC-WP2	Waterproof, multipurpose EP Lithium/Calcium greases, highly fortified with synthetic polymers. NLGI 2. -15 °C to +120 °C.	–	–	–

AGRIFARM product range



AGRIFARM
STOU
SAE 15W-40

AGRIFARM
MOT
SAE 15W-40



AGRIFARM
UTTO MP

AGRIFARM
UTTO HTF



Broad Based Black Economic Empowerment Verification Certificate

Issued to

Fuchs Lubricants South Africa (Pty) Ltd

Level 2 Contributor

Measured Entity

Company Name	Fuchs Lubricants South Africa (Pty) Ltd
Registration Number	2014/272890/07
VAT Number	4850271497
Address	10 Isando Road Isando Kempton Park 1600

B-BBEE Status

B-BBEE Status Level	Level 2
Element Points Obtained	EO: 25 points; MC: 14.29 points; SD: 20.14 points; ESD: 33.6 points; SED: 5 points
Discounting Principle Applied	No
Empowering Supplier	Yes

**Black Owned: >=51% and 8 points for Net Value*

**Black Women Owned: >=30% and 8 points for Net Value*

Black Voting Rights	25.10%	Black Women Voting Rights	17.07%
Black Economic Interest	25.10%	Black Women Economic Interest	17.07%
51% Black Owned *	No	30% Black Women Owned *	No
Black Designated Group Supplier	No	Normal Flow Through Principle Applied	

Issue Date	23/02/2018
Expiry Date	22/02/2019
Certificate Number	ELC7715RGENBB
Version	Final
Applicable Scorecard	Amended Codes - Generic
Applicable BBEE Codes	Amended Generic Codes Gazetted on 11 October 2013

BEE Procurement Recognition Levels

Level	Qualification	%
1	100 Points	135%
2	95 but < 100	125%
3	90 but < 95	110%
4	80 but < 90	100%
5	75 but < 80	80%
6	70 but < 75	60%
7	55 but < 70	50%
8	40 but < 55	10%
Non Compliant	<40	0%

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SANAS Accredited



BVA018

EmpowerLogic (Pty) Ltd

Reg. No. : 1995/000523/07

BBEE Verification Agency

Per F Mphahlele

Member - Verification Committee

This certificate is the result of an independent and impartial verification of the BBEE status of the measured entity measured against the Codes of Good Practice on Broad Based Black Economic Empowerment. This certificate has been issued in accordance with the EmpowerLogic Verification Certificate Policy. EmpowerLogic uses the Law Trust advanced electronic signature system (AeSign) which is compliant with the Electronic Communications and Transactions Act no 25 of 2002. The validity of the certificate is ensured as long as the digital signature details corresponds with the Technical Signatory's details as displayed on the certificate.

Innovative lubricants need experienced application engineers

Every lubricant change should be preceded by expert consultation on the application in question. Only then can the best lubricant system be selected. Experienced FUCHS Application specialists will be happy to advise on products for the application in question and also on our full range of lubricants.

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