Product Program
Automotive Lubricants

2023

MOVING YOUR WORLD

LUBRICANTS.
TECHNOLOGY.
PEOPLE.
FUCHS

GERMAN TECHNOLOGY
FUCHS
TITAN
GT1 FLEX 5
0W-20
BluEV
TECHNOLOGY
1.05qt
1L e
Premium Performance
Engine Oil
500651016
5W-40
1.05qt
1L e
15W-40
1.05qt
1L e

At FUCHS, you will always be sure of finding the perfect high-quality oil for your vehicle.

When it comes to oil for your vehicle, you don't want to spend a lot of time researching or dealing with complex labels and descriptions. Instead, you want all relevant information at a glance. And you want a product that's easy to use and to pour. We guide you quickly and directly to the right product for your vehicle, and offer a produce that's so easy to use. To ensure this, we enhanced both the shape of the small pack and the label, based on state-of-the-art ergonomic findings and customers' feedback. The labels now feature easily recognizable images, pictographs and color codes to help you choose the right oil. The optimized small pack shape includes a longer neck for smoother pouring. Other details such as the new grip on 1-liter packs and the double handle on 4-and 5-liter packs improve weight distribution, making them much easier to handle. The new tamper – resistant screw cap with a slit flex band ensures there's original FUCHS oil in the small pack.

By choosing products in our new small packs, you also help reduce waste and your carbon footprint. The packs contain at least 30% post-consumer recycled (PCR) content and the lubricants are produced in our CO_2-neutral* plants.

Finally, the newly designed small packs give you peace of mind that you are buying an original FUCHS product with German technology. All good reasons to choose FUCHS the next time you buy high-quality oil for your vehicle.

EASY TO CHOOSE

- New small pack design with clearly structured labels
- Easy to choose thanks to images, pictograms and lubricant quality categories
- Updated, premium look and feel

EASY TO USE

- Improved ergonomics thanks to the redesigned small pack
- Easier pouring: refined neck design, grip area (1-liter packs), two handles (4- and 5-liter packs)
- New tamper-resistant screw cap

EASY ON THE ENVIRONMENT

- Recycled and recyclable packaging
- Improved residual emptying
- CO_2-neutral production

The range of oils for the automotive sector is huge. With the redesign of our small packs and labels, we give you maximum orientation – choosing the best oil has never been so easy!

Easy to select: Find the right oil for your engine here!

* Partly also based on compensation

FUCHS LUBRICANTS CO.

We do not just develop lubricants. We develop intelligent solutions for highly complex challenges.

Our goal: to keep our customers' world in motion. Efficient, sustainable, reliable.
Today and tomorrow.

What can we move for you?

FUCHS LUBRICANTS CO.

Facts and figures

COMPANY:

FUCHS LUBRICANTS COMPANY, Harvey, IL, USA
FUCHS LUBRICANTS CANADA LTD., Langley BC and Cambridge ON, Canada
LUBRICANTES FUCHS DE MEXICO SA DE CV
Querétaro, Qro., Mexico

NORTH AMERICAN PLANT LOCATIONS:

New Castle, DE; Harvey, IL; Kansas City, KS;
Fairhaven, MA; Huntington, WV;
Langley, BC; Cambridge, ON; Querétaro, Qro., MX

Since 1931, we have been pursuing the same goal: to keep the world moving. With innovative and technological lubricant solutions that have a sustainable impact on the future. Unconditional reliability is our top priority, it is the foundation of our company and the basis for everything that defines us.

Reliability is both a driver and a demand. And it's a promise to all our customers in the fields of automotive suppliers and OEMs, mechanical engineering, metal processing, mining and exploration, aerospace, energy, construction and transport, agriculture and forestry, as well as the paper, steel, metal, cement, forging and food industries, but also qualified lubricant dealers, car dealerships and workshops.

Long-term experience, high development strength and the fulfillment of far-reaching standards are the basis for the special quality of our world-leading product brands. We deliver solutions that are simply more efficient and therefore more sustainable. We always think in holistic solutions. For the development of individual solutions, we enter into an intensive customer dialog with you. This is the way we live up to our claim of moving your world.

MOVING YOUR WORLD

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FUCHS Oil Chooser

Package overview

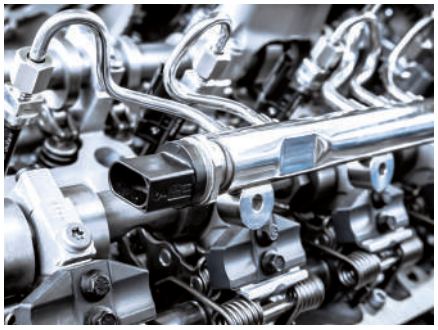
Get a quick overview of the available packages of a product. Under each product pictograms and package units are listed accordingly.

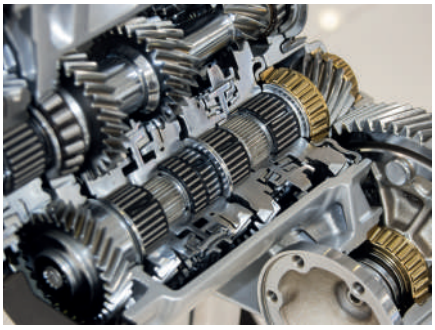
Bottle	Tin
Canister	Cartridge
IBC	Tin
Drum	Tube
Tank truck	Spray can
BULK	Bucket
Bottle	Hobbock

The World of Automotive Lubricants

FUCHS consistently relies on the so-called European Engine Lubricant Quality Management System (EELQMS), a European quality management system for engine oils. In addition to our development and production within the framework of the automotive industry quality standard IATF 16949, the EELQMS quality seal stands for highest product quality.

EELQMS





Engine Oils

FUCHS is one of the leading lubricant manufacturers for the initial filling of passenger cars, trucks and agricultural or construction machines. With a comprehensive range of lubricants for all automotive applications and the XTL®-Technology that is unique worldwide, FUCHS truly sets new standards. Upon starting the engine, engine oils with XTL®-Technology reach the places where their protective film is urgently needed quicker and easier, even under extreme conditions. This ensures reliable protection throughout the entire service life of the oil. For the driver, that means easier start processes, less wear and lower fuel consumption – and oil consumption is also significantly lower than in conventional oils of the same viscosity class. A pioneering engine oil technology.

TITAN

Transmission Fluids

To ensure smooth running throughout their entire service life, modern car transmissions need state-of-the-art, high-performance lubricants that protect the gearing from wear and considerably improve the ease with which gears are changed. Moreover, the extension of the replacement intervals right up to a lifetime filling increases the requirements placed on the quality of the oils. As a long-standing development partner of the world's leading gear manufacturers, we keep our finger on the pulse of the times. Stay on the safe side with the ultra-modern TITAN gear oils.

TITAN

Lubricants for Agricultural Machinery

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. 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

Service Products

The FUCHS MAINTAIN range of workshop and service products is a comprehensive portfolio of coolant additives, brake fluids and fuel additives. These offer your vehicle optimum protection at all times – particularly in winter.
Our MAINTAIN products are individually matched to virtually every vehicle type and offer the best possible protection combined with the latest technology.

MAINTAIN

Environmentally Friendly Lubricants

The dream of environmentally friendly lubricants is nothing new. Indeed, FUCHS was one of the first companies to enter the market with rapidly biodegradable lubricants back in the 70s. Since then, FUCHS has invested heavily in researching and further developing these lubricants. The reward for all this hard work: a priceless and unparalleled wealth of expertise and practical experience. Because one thing is certain: a good product alone is not enough. The user also needs competent advice when choosing the right product, switching over to rapidly biodegradable lubricants and for application. It really pays off to have an expert partner by your side.

PLANTO

FUCHS lubricants

stand for performance and sustainability, for safety and reliability, for efficiency and cost savings.

They represent a promise: **technology that pays back.**

Process compatibility – efficient operations

Fuel savings – saving precious resources and lowering emissions

Rapidly biodegradable – protecting endangered habitats

Corrosion protection – enhanced machine life

CO_2 reductions – optimizing our customer´s carbon balance

Extension of maintenance intervals – reduced downtimes

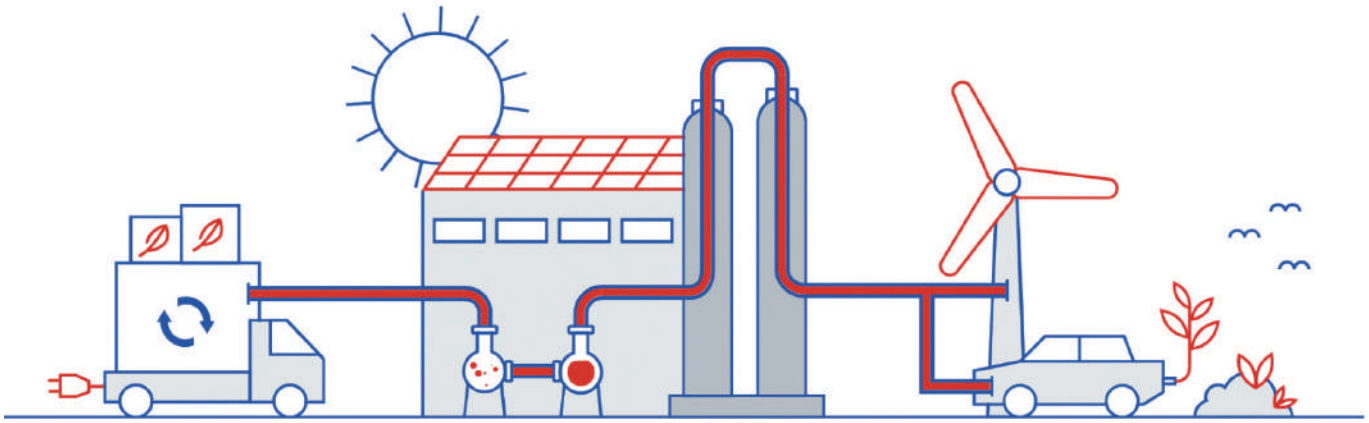
Food grade – enables industrial food processing

High thermal resistance – enhanced lubricant use, cost reduction

Less wear – reliable operations

Reduced oil consumption – resource efficiency

CO_2-neutrality* strategy



We support our suppliers and engage in sustainable purchasing.
We share the results of our research and support our suppliers in developing and using sustainable and carbon-neutral* precursors.

Our production: Responsible and CO_2-neutral*.
We focus on resource conservation and energy savings within our production operations.
We compensate for unavoidable CO_2 emissions with selected, certified climate protection projects.

What our customers contribute: Less friction, reduced energy consumption.
The use of our products makes a strong contribution toward helping the environment. Our environmental performance analyses show: Thanks to factors including friction reduction, the CO_2 savings are significantly greater than with conventional products.

LUBRICANTS FROM CO_2-NEUTRAL* PRODUCTION

As of January 2020, FUCHS is a CO_2-neutral* company globally and its customers receive lubricants from CO_2-neutral* production worldwide.

FUCHS' CO_2-neutrality* strategy is embedded in its sustainability strategy, which was launched in 2010. In order to implement CO_2-neutrality*, FUCHS offsets its CO_2 emissions, which have not yet been avoided so far, through carbon-compensation payments by investing in high-quality climate protection projects aimed primarily at promoting renewable energies.

Since 2021, the calculation of the above-mentioned CO_2 emissions has included not only the pure production companies, but also 100% of all sales and administration locations, as well as all joint ventures.

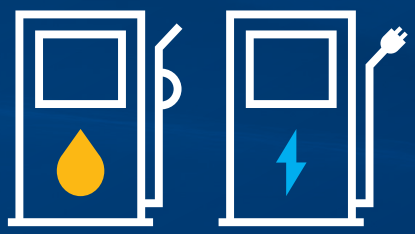
In the medium term, FUCHS intends to gradually reduce its carbon compensation payments and increase its share of renewable energy supplies, while continuing to invest in improving the energy efficiency of its locations.

In the long term, the company also aims to sell CO_2-neutral* products to its customers, which requires that FUCHS will in the future be supplied with CO_2-neutral* raw materials by its suppliers.

* Partly also based on compensation

Always one step ahead. With BluEV Technology.

As a pioneer for the mobility of the future, we have developed over 10,000 lubricants for more than 90 years. With the brand TITAN, FUCHS has been represented in many electric and hybrid vehicles from leading premium manufacturers for a long time.



BluEV Technology stands for

- many years of experience and solid automotive know-how,
- performance, reliability and efficiency,
- advanced lubricant solutions.

BluEV Technology builds the bridge between existing and new products and their application in conventional vehicles with combustion engines as well as hybrid and electric vehicles.

We therefore offer a comprehensive range of lubricants for all automotive applications, including electric powertrains. So we can take the step into the mobility of the future together.

BluEV
TECHNOLOGY

ENGINE OILS

TITAN engine oils are the result of the latest research and development by the world's largest independent lubricant specialist. Developed together with leading automobile manufacturers, tailored to satisfy the demands of today's high-tech engines:
offering outstanding high-performance, fuel-economy and wear protection.

TITAN engine oils: Premium quality from the German automobile industry's leading lubricant OEM.

Made in Germany.

Engine Oils

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XTL® TECHNOLOGY

Ground-breaking XTL®-Technology.

While starting, engine oils with XTL®-Technology reach faster and easier the parts of an engine, which urgently require a protective oil film – even under extreme conditions and over the entire duration of the oil change interval.

This means: Easier start-ups, less wear and lower fuel consumption. Even oil consumption is significantly lower than with conventional SAE 5W-30 oils.

Engine Oils

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Passenger Cars				
TITAN GT1 FLEX 5 SAE 0W-20 BluEV TECHNOLOGY	Premium Performance Engine Oil. Specially designed for highly stressed downsized engines with maximum power output, for extreme fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behavior, very fast oil circulation and outstanding performance reserves. Additionally applicable in hybrid vehicles of different manufacturers such as Toyota or Mercedes-Benz.	ACEA C6, C5 API SN PLUS RC API SP RC ILSAC GF-6A	BMW LONGLIFE-17 FE+ JAGUAR LAND ROVER STJLR.03.5006 MB-APPROVAL 229.71 MB-APPROVAL 229.72 OPEL OV0401547 – A20	CHRYSLER MS-12145 FIAT 9.55535-GSX FORD WSS-M2C947-A FORD WSS-M2C947-B1 FORD WSS-M2C962-A1 ILSAC GF-5 JAGUAR LAND ROVER STJLR.51.5122 VOLVO VCC RBS0-2AE
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
TITAN GT1 LONGLIFE IV SAE 0W-20 BluEV TECHNOLOGY	Premium Performance Engine Oil in ground-breaking viscosity class. Specially designed for modern VW vehicles incl. hybrid models, for extreme fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behavior, very fast oil circulation and outstanding performance reserves.	ACEA C5 **FORD WSS-M2C956-A1**	PORSCHE C20 VW 508 00/509 00	–
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
TITAN GT1 FLEX C2 SAE 0W-30 BluEV TECHNOLOGY *NEW*	Premium Performance engine oil for modern cars and vans. Especially developed for BMW and Mercedes-Benz vehicles with exhaust gas aftertreatment and turbochargers, incl. hybrid vehicles. Excellent Cold-Start properties, low oil consumption and reduced emissions.	ACEA C2 ACEA A5/B5 API SP API SP RC ILSAC GF-6A FORD WSS-M2C950-A	BMW LONGLIFE-12 FE MB-APPROVAL 229.61	FIAT 9.55535-GS1
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 205 L (Drum)			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Engine Oils for Passenger Cars		
TITAN GT1 FLEX 23 SAE 5W-30 BluEV TECHNOLOGY	Premium Performance, extreme fuel-economy engine oil with optimum cold start ability and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended service intervals. Additionally applicable in hybrid vehicles of different manufacturers such as Audi or Mercedes-Benz.	ACEA C3, C2 API SP	BMW LONGLIFE-04 MB-APPROVAL 229.31 MB-APPROVAL 229.51 MB-APPROVAL 229.52 OPEL OV0401547 – D30 OPEL OV0401547 – G30	CHRYSLER MS-11106 FIAT 9.55535-S1 / -S3 GM-LL-A-025 GM-LL-B-025 IVECO 18-1811 CLASSE SC1 VW 505 00/505 01
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 60 L (Drum), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN GT1 PRO C-3 SAE 5W-30 BluEV TECHNOLOGY	Premium Performance, extreme fuel-economy engine oil for optimum cold start ability and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for BMW, VW and Mercedes-Benz vehicles with exhaust after treatment and turbocharger and also applicable for their hybrid vehicles.	ACEA C3 API SN	BMW LONGLIFE-04 MB-APPROVAL 229.51 PORSCHE C30 VW 504 00/507 00	CHRYSLER MS-11106 FIAT 9.55535-S3 MB 229.52
	12 x 1 L (Bottles), 3 x 5 L (Bottles), 60 L (Drum), 205 L (Drum)			
TITAN GT1 FLEX C3 SAE 0W-30 BluEV TECHNOLOGY NEW	Premium Performance engine oil for modern cars and vans. Especially developed for BMW, VW, Porsche und Mercedes-Benz vehicles with exhaust gas aftertreatment and turbochargers. Excellent Cold-Start properties, low oil consumption and reduced emissions. Additionally applicable in hybrid vehicles of different manufacturers such as BMW, Mercedes-Benz or VW.	ACEA C3	BMW LONGLIFE-04 MB-APPROVAL 229.31 MB-APPROVAL 229.51 MB-APPROVAL 229.52 PORSCHE C30 VW 504 00/507 00	API SN CHRYSLER MS-11106 FIAT 9.55535-S3
	12 x 1 L (Bottles), 3 x 5 L (Bottles), 205 L (Drum), 1.000 L (IBC)			
TITAN GT1 PRO C-1 SAE 5W-30	Premium Performance, extreme fuel-economy engine oil for modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for vehicles with exhaust after treatment and turbocharger. Optimum cold starting, lower oil consumption and minimized exhaust emissions.	ACEA C1	JAGUAR LAND ROVER STJLR.03.5005	JASO DL-1 FORD WSS-M2C934-B
	3 x 5 L (Bottles), 205 L (Drum)			
TITAN GT1 FLEX 3 SAE 5W-40 XTL® TECHNOLOGY	Premium Performance, fuel-economy engine oil with new XTL®-Technology for optimum cold start ability and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for vehicles with exhaust after treatment and turbocharger.	ACEA C3 API SN	BMW LONGLIFE-04 MB-APPROVAL 226.5 MB-APPROVAL 229.31 MB-APPROVAL 229.51 MB-APPROVAL 229.52 PORSCHE C40 RENAULT RN0700/RN0710 VW 511 00	API CF CHRYSLER MS-10725 FIAT 9.55535-GH2 FIAT 9.55535-S2 FIAT 9.55535-T2 FORD WSS-M2C917-A VW 505 00/505 01
	3 x 5 L (Bottles), 205 L (Drum)			

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Engine Oils for Passenger Cars		
TITAN SUPERSYN LONGLIFE SAE 0W-40	Ultra High Performance, fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Excellent cold starting and lower oil consumption.	ACEA A3/B4 API SN	MB-APPROVAL 229.5 VW 502 00/505 00	FORD WSS-M2C937-A
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 205 L (Drum)			
TITAN SUPERSYN LONGLIFE SAE 5W-40	Ultra High Performance, fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Optimum cold starting and lower oil consumption.	ACEA A3/B4 API SN	BMW LONGLIFE-01 MB-APPROVAL 226.5 MB-APPROVAL 229.5 PORSCHE A40 PSA B71 2296 RENAULT RN0700/RN0710 VW 502 00/505 00	CHRYSLER MS-12991 FIAT 9.55535-H2/M2/N2/Z2
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 60 L (Drum), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN SUPERSYN F ECO-B SAE 5W-20	Ultra High Performance, extreme fuel-economy engine oil especially developed for Ford EcoBoost gasoline engines. Optimum cold starting and lower oil consumption.	ACEA C5 API SN FORD WSS-M2C948-B	JAGUAR LAND ROVER STJLR.03.5004	ACEA A1/B1 CHRYSLER MS 6395 FIAT 9.55535-CR1 FORD WSS-M2C925-A FORD WSS-M2C925-B FORD WSS-M2C945-A ILSAC GF-5
	3 x 5 L (Bottles), 205 L (Drum			
TITAN SUPERSYN D1 SAE 0W-20	Ultra High Performance, extreme fuel-economy engine oil, specially developed for GM gasoline engines requiring dexos1™ Gen 2 fluid. Optimum cold starting, lower oil consumption and minimized exhaust emissions.	API SN PLUS RC API SP RC ILSAC GF-6A	dexos1™ Gen 3 (D335BDDH075)	CHRYSLER MS 6395 CHRYSLER MS-12145 FIAT 9.55535-CR1 FIAT 9.55535-GSX FORD WSS-M2C947-A FORD WSS-M2C947-B1 FORD WSS-M2C962-A1 ILSAC GF-5
	12 x 1 L (Bottles), 3 x 5 L (Bottles), 55 GL (Drum), 330 GL (IBC) Tank Truck			
TITAN SUPERSYN D1 SAE 5W-20	Ultra High Performance, extreme fuel-economy engine oil, specially developed for gasoline engines. Optimum cold starting, lower oil consumption and minimized exhaust emissions	API SN PLUS RC API SP RC ILSAC GF-6A		FORD WSS-M2C930-A FORD WSS-M2C945-A FORD WSS-M2C945-B1 FORD WSS-M2C960-A1 FIAT 9.55535-CR1 CHRYSLER MS 6395 GM 6094M ILSAC GF-5
	12 x 1 L (Bottles), 55 GL (Drum), 330 GL (IBC) Tank Truck			
TITAN SUPERSYN D1 SAE 5W-30	Ultra High Performance, extreme fuel-economy engine oil, specially developed for gasoline engines requiring dexos1TM Gen 2 fluid. Optimum cold starting, lower oil consumption and minimized exhaust emissions.	API SN PLUS RC API SP RC ILSAC GF-6A	dexos1TM Gen 3 (D335ABDF075)	FORD WSS-M2C929-A FORD WSS-M2C946-A FORD WSS-M2C946-B1 FORD WSS-M2C961-A1 FIAT 9.55535-CR1 CHRYSLER MS 6395 GM 6094M GM 4718M ILSAC GF-5
	12 x 1 L (Bottles), 55 GL (Drum), 330 GL (IBC) Tank Truck			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Engine Oils for Passenger Cars		
TITAN SUPERSYN SAE 10W-60	Ultra High Performance, fuel-economy engine oil for passenger cars. Low oil consumption. Highly durable lubricating film and high oil pressure.	–	–	ACEA A3/B3 API SL/CF FIAT 9.55535-H3
	12 x 1 L (Bottles)			
TITAN FORMULA SAE 10W-30	High performance engine oil for gasoline engines in passenger and light commercial vehicles. Developed to meet and exceed ILSAC's GF-6 specifications for the latest generation of gasoline engines	API SP ILSAC GF-6A	-	ILSAC GF-5 CHRYSLER MS-6395
	12 x 1 L (Bottles), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN FORMULA SAE 5W-20	High performance engine oil for gasoline engines in passenger and light commercial vehicles. Developed to meet and exceed ILSAC's GF-6 specifications for the latest generation of gasoline engines	API SP ILSAC GF-6A	–	ILSAC GF-5 FORD WSS-MC2960-A1 FORD WSS-MC2945-A
	12 x 1 L (Bottles), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN FORMULA SAE 5W-30	High performance engine oil for gasoline engines in passenger and light commercial vehicles. Developed to meet and exceed ILSAC's GF-6 specifications for the latest generation of gasoline engines	API SP ILSAC GF-6A	-	ILSAC GF-5 FORD WSS-MC2961-A1 FORD WSS-MC2946-A
	12 x 1 L (Bottles), 55 GL (Drum), 330 GL (IBC), Tank Truck			

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Engine Oils for Commercial Vehicles		
TITAN CARGO FLEX K4 SAE 5W-30 XTL TECHNOLOGY	Premium Performance, extreme fuel-economy engine oil, specially developed for com-mercial vehicles with modern exhaust after treatment systems and turbocharger. Offers good cold starting and lower oil consumption.	**ACEA E6, E7, E9** **API CK-4** **CAT ECF-3**	DEUTZ DQC IV-18 LA MACK EOS-4.5 MB-APPROVAL 228.51 RENAULT RLD-3 VOLVO VDS-4	CUMMINS CES 20086 DETROIT DIESEL 93K222 IVECO 18-1804 TLS E9
	20L (Pail), 205L (Drum)			
TITAN CARGO SAE 5W-40	Premium Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger.	ACEA E9, E7 API CK-4/CJ-4/SN CAT ECF-3	CUMMINS CES 20086 DEUTZ DQC III-18 LA FORD M2C171-F1 MACK EOS-4.5 MAN M 3775 MB-APPROVAL 228.31 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4.5	DETROIT DIESEL 93K222 MAN M 3575 RENAULT RLD-4
	5 GL (Pail), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN CARGO SAE 10W-30	Premium Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger.	ACEA E9, E7 API CK-4/CJ-4 CAT ECF-3 JASO DH-2	CUMMINS CES 20086 DEUTZ DQC III-18 LA FORD M2C171-F1 MACK EOS-4.5 MAN M 3775 MB-APPROVAL 228.31 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4.5	DETROIT DIESEL 93K222 MAN M 3575 RENAULT RLD-4
	5 GL (Pail), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN CARGO SAE 15W-40	Premium Performance, fuel-economy engine oil for a variety of commercial vehicle diesel engines. Specially developed for vehicles with extended service intervals, exhaust after treatment and turbocharger.	ACEA E9, E7 API CK-4/CJ-4/SN CAT ECF-3 JASO DH-2	ALLISON TES-439 (439-34862020) CUMMINS CES 20086 DETROIT DIESEL 93K222 DEUTZ DQC III-18 LA FORD M2C171-F1 MACK EOS-4.5 MAN M 3775 MB-APPROVAL 228.31 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4.5	MAN M 3575 RENAULT RLD-4
	5 GL (Pail), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN TRUCK PLUS SAE 15W-40	Ultra High Performance Engine Oil for a variety of diesel and gasoline engines. Specially for highly-loaded commercial vehicle diesel engines. Lower oil consumption.	ACEA E7 API CI-4/SL GLOBAL DHD-1 CAT ECF-1-a/ECF-2	CUMMINS CES 20076/7/8 DETROIT DIESEL 93K215 DEUTZ DQC III-18 MACK EO-N MB-APPROVAL 228.3 MTU DDC TYPE 2 RENAULT RLD/RLD-2 VOLVO VDS-3	ALLISON C-4 CAT TO-2 CASE MS 1121 CUMMINS CES 20071/2 IVECO 18-1804 CLASSE T2 E7 MAN M 3275-1 NH 330H
	5 GL (Pail), 55 GL (Drum), 330 GL (IBC)			

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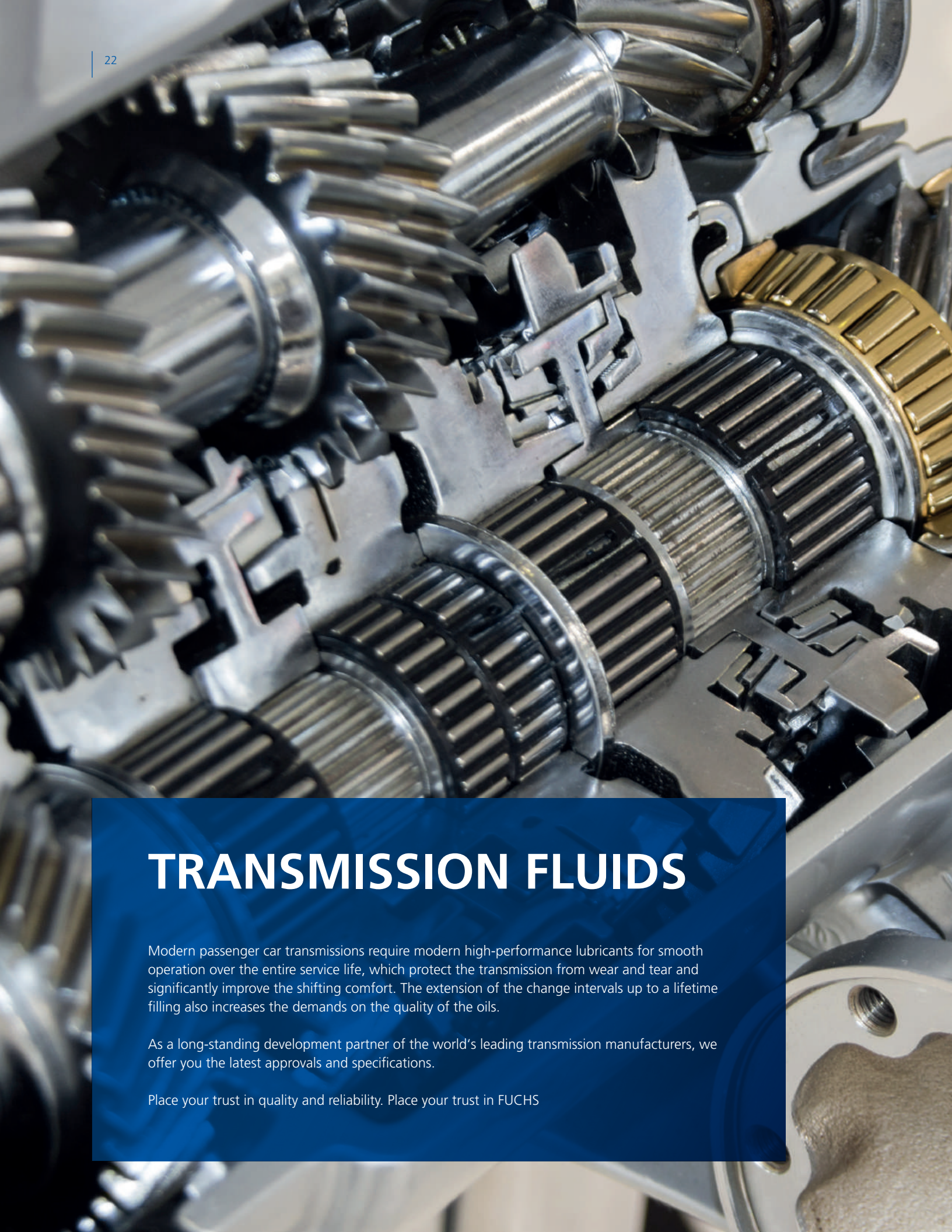

TRANSMISSION FLUIDS

Modern passenger car transmissions require modern high-performance lubricants for smooth operation over the entire service life, which protect the transmission from wear and tear and significantly improve the shifting comfort. The extension of the change intervals up to a lifetime filling also increases the demands on the quality of the oils.

As a long-standing development partner of the world's leading transmission manufacturers, we offer you the latest approvals and specifications.

Place your trust in quality and reliability. Place your trust in FUCHS

Transmission Fluids

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Transmission Fluids

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Axle Gear Oils and Manual Transmission Fluids for Passenger Cars				
TITAN SINTOFLUID FE SAE 75W BluEV TECHNOLOGY	Premium Performance Manual Transmission Fluid offering increased efficiency in passenger cars due to its low viscosity and can also be used in reducer gear-boxes of hybrid vehicles. Reduces fuel consumption and offers best properties at low temperature. Suitable as fill for life fluid according to manufacturer.	API GL-4	**MB-APPROVAL 235.17**	**FORD WSS-M2C200-D2** VW G 055 512 VW TL 521 71 (G 052 171 A1/A2) VW TL 521 78 (G 052 178 A2) VW TL 525 12 (G 052 512 A2) VW TL 525 27 (G 052 527 A2) VW TL 726 (G 052 726 A2/ G 055 726 A2/ G 060 726 A2/ G 070 726 A2) MB 235.73
	12 x 1 L (Bottles)			
TITAN SINTOFLUID SAE 75W-80	Premium Performance Manual Transmission Fluid for passenger cars. Offering good gearbox efficiency. Suitable as fill for life fluid according to manufacturer.	API GL-4	–	BMW 83 22 0 309 031 BMW 83 22 0 403 247 BMW 83 22 2 339 219 BMW 83 22 7 533 818 BMW 2300 1434 404 BMW 2300 7533 513 BMW 2300 7533 818 FORD WSS-M2C200 C3 OPEL 19 40 182 OPEL 19 40 757 OPEL 19 40 768 OPEL 19 40 776 VOLVO 97308 VW 501 50 (G 005 000 05/ G 005 000/G 005 000 20/ G 052 911 A1/A2)
	12 x 1 L (Bottles)			
TITAN SINTOPOID FE SAE 75W-85 XTL® TECHNOLOGY	Premium Performance fuel-economy passenger car axle fluid offering increased gearbox efficiency in passenger cars due to low viscosity level. Reduces fuel consumption and offers best properties at low temperature. Suitable as fill for life fluid according to manufacturer.	API GL-5	MB-APPROVAL 235.7 MB-APPROVAL 235.74 MB-APPROVAL 239.72 ZF TE-ML 18 (ZF002195)	MB 239.71 VW TL 521 45-X (G 052 145 A1) VW TL 521 90 (G 052 190 A2/ G 055 190 A2)
	12 x 1 L (Bottles)			
TITAN SINTOPOID 4218 SAE 70W-80 BluEV TECHNOLOGY NEW	Premium Performance Axle Gear Oil for hybrid and non-hybrid passenger cars incl. high-offset hypoid drives offering good gearbox efficiency. Suitable as fill for life fluid according to the manufacturer.	API GL-5	BMW G3 (BMW 83 22 2 413 512) BMW 83 22 2 460 180 BMW 83 22 2 471 423	–
	12 x 1 L (Bottles			
TITAN SINTOPOID SAE 75W-90	Premium Performance Axle Gear Oil for passenger cars, also for high-offset hypoid drives offering good gearbox efficiency. Suitable as fill for life fluid according to manufacturer.	API GL-5	–	MIL-L-2105 D VW TL 521 45-Y (G 052 145 A2)
	12 x 1 L (Bottles), 20 L (Canister), 60 L (Drum), 205 L (Drum)			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Axle Gear Oils and Manual Transmission Fluids for Passenger Cars				
TITAN SINTOPOID LS SAE 75W-90	Premium Performance, fully-synthetic multifunctional gear oil, formulated with fully-synthetic base oils. Suitable for axles and transfer gear-boxes with or without self-locking differentials and also as trouble shooter for conventional manual transmissions.	API GL-4/-5/-5 incl. LS	–	FORD WSS-M2C200-C/C2 VW G50/G51
	12 x 1 L (Bottles)			
TITAN SINTOPOID LS SAE 75W-140	Premium Performance Gear Oil for axle and transfer gearboxes, formulated with fully-synthetic base oils. Suitable for axle and transfer gearboxes with and without limited slip differential.	API GL-5	–	BMW 83 22 2 282 583 BMW 83 22 9 407 870 CHRYSLER MS-8985 FORD WSL-M2C192-A GM 12346140 JOHN DEERE JDM J11G SCANIA STO 1:0
	12 x 1 L (Bottles)			
TITAN SUPERGEAR MC SAE 80W-90	Ultra High Performance Gear Oil based on MC-Synthesis for extended oil change intervals.	API GL-4/GL-5	EvoBus 26.000-032 EvoBus 26.000-034 MAN 341 TYPE Z2 MAN 342 TYPE M2 MB-APPROVAL 235.0 SCANIA STO 1:0 SCANIA STO 1:1 G ZF TE-ML 02B, 05A, 12L, 12M, 16B, 17H, 19B, 21A (ZF000722)	**API MT-1** CASE MS 1316 FORD WSP-M2C197-A JOHN DEERE JDM J11E MAN M 3343 TYPE M MAN 341 TYPE E2 NH 520A SDFG OP 1705 STEYR B-101 VOLVO 97310 ZF TE-ML 07, 08
	12 x 1 L (Bottles)			
TITAN SUPERGEAR SAE 80W-90	Ultra High Performance Gear Oil for extended oil change intervals.	API GL-4/GL-5	EvoBus 26.000-025 MAN 342 TYPE M2 ZF TE-ML 05A, 12E, 17B, 19B, 21A (ZF000647)	MIL-L-2105 D VOLVO 97310 NH 520A STEYR B-101
	5 GL (Pail), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN SUPERGEAR SAE 85W-140	Ultra High Performance Gear Oil for extended oil change intervals.	API GL-4/GL-5	EvoBus 26.000-025 ZF TE-ML 05A, 12E, 16D, 21A (ZF000650)	MIL-L-2105 D VOLVO 97310
	5 GL (Pail), 55 GL (Drum), 330 GL (IBC), Tank Truck			
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: 80W-90	ZF TE-ML 05N, 21N (ZF008289)	MIL-L-2105 D FORD M2C104-A JOHN DEERE JDM J11F NH 520B VOLVO 97310
	5 GL (Pail)			

Transmission Fluids

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Axle Gear Oils and Manual Transmission Fluids for Passenger Cars and Commercial Vehicles				
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
	5 GL (Pail), 55 GL (Drum), 330 GL (IBC), Tank Truck			
TITAN CYTRAC TD SAE 75W-90	Premium Performance Gear Oil for highly-stressed manual transmissions and hypoid axles in commercial vehicles formulated with fully-synthetic base oils. Developed for the longest oil change intervals.	API GL-4/GL-5 API MT-1 SAE J2360	DETROIT DIESEL 93K219.01 MAN 341 TYPE Z2 MAN 342 TYPE S1 MB-APPROVAL 235.8 MERITOR O-76-E SCANIA STO 1:0 SCANIA STO 1:1 G SCANIA STO 2:0 A FS VOLVO 97312 ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B, 19C, 21A (ZF003341)	JOHN DEERE JDM J11E JOHN DEERE JDM J11G MAN 341 TYPE E3 MAN 342 TYPE M3
	20 L (Canister), 205L (Drum)			
TITAN CYTRAC PRO 235.31 SAE 75W-85	Premium Performance Gear Oil for highly-stressed hypoid axles in Mercedes-Benz commercial vehicles formulated with selected base oils. Developed for the longest oil change intervals and optimized gearbox efficiency.	API GL-5	MB-APPROVAL 235.31	DETROIT DIESEL 93K219.03
	12 x 1 L (Bottles), 20 L (Canister)			
TITAN CYTRAC MB SYNTH SAE 75W-90	Premium Performance Gear Oil for gearboxes in commercial vehicles, specially developed for Mercedes-Benz Actros vehicles, formulated with fully-synthetic base oils. Reduces fuel consumption by improving gearbox efficiency. Suitable for the longest oil change intervals.	API GL-4	MAN 341 TYPE MB MB-APPROVAL 235.11	ZF TE-ML 08
	20 L (Canister), 205L (Drum)			
TITAN CYTRAC MAT SAE 75W-80	Premium Performance Gear Oil for gearboxes in commercial vehicles, specially developed for manual and automatic ZF-gear boxes, formulated with selected base oils. Reduces fuel consumption by improving gearbox efficiency. Suitable for the longest oil change intervals and compatible with Carbon-Synchronizers.	API GL-4	MAN 341 TYPE Z4 ZF TE-ML 01L, 02L, 16K (ZF003373)	IVECO 18-1807 CLASSE MGS1 MAN 341 TYPE E3 MAN 341 TYPE Z3 MAN 341 TYPE Z5 VOLVO 97305 VOLVO 97307 ZF TE-ML 01E, 02D, 02E, 08, 16P
	20 L (Canister), 205L (Drum)			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

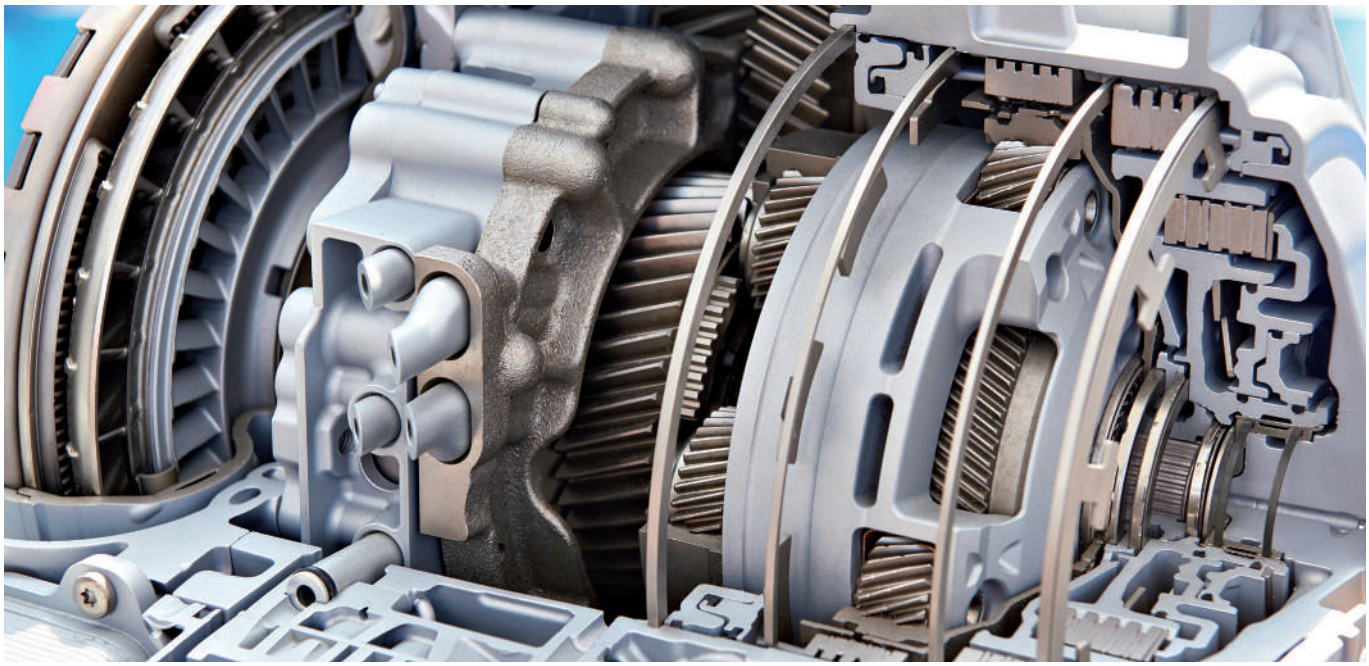
TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Double Clutch Transmission Fluids (DCTF)		
TITAN FFL-52529 BluEV TECHNOLOGY	Premium Performance DCTF for ultimate friction stability and best fuel economy properties. Specially developed for the wet clutch of the DL382 (0CK) and DL382e transmission of VW group.	–	VW TL 52 529-C (G 055 529)	–
	12 x 1 L (Bottles)			
TITAN FFL-2 BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for wet clutch DCTs and hybridized DCTs (DQ400e). Provides optimum wear protection and excellent friction properties even under hard conditions and offers best shifting performance over the whole lifetime.	–	JAC DTF630 VW TL 52 182 (G 052 182)	–
	12 x 1 L (Bottles)			
TITAN FFL-3 BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for wet clutch ZF/Porsche DCTs. Additionally applicable in hybridized axle transmissions from Mercedes-Benz. Provides optimum wear protection and excellent friction properties even under hard conditions and offers best shifting performance over the whole lifetime.	–	MB-APPROVAL 236.24 ZF TE-ML 11 (ZF004742)	BMW 83 22 2 156 969 (MTF-LT-5) BMW 83 22 2 167 666 (MTF-LT-5) JAGUAR LAND ROVER GX73-M1R564-AA PORSCHE 999 917 080 00
	12 x 1 L (Bottles)			

Transmission Fluids

Product name	Description	Specifi-cations	Approvals	FUCHS Recommendations
	Double Clutch Transmission Fluids (DCTF)			
TITAN FFL-4	Premium Performance DCTF. Specially developed for GETRAG/BMW Double Clutch Transmission with wet clutch.	–	GETRAG (PWA05043)	BMW 83 22 0 440 214 BMW 83 22 2 147 477 BMW 83 22 2 148 578 BMW 83 22 2 148 579 BMW 83 22 2 446 673 FORD WSS-M2C936-A McLaren: MP4-12C MITSUBISHI DIA QUEEN SSTF-1 PSA 9734 S2 VOLVO 1161838
	12 x 1 L (Bottles			
TITAN FFL-8 BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for wet clutch ZF/Porsche DCTs and can also be used in hybrid drivetrains. Provides optimized friction properties and best load carrying capacity even under hard conditions over the whole lifetime.	–	ZF TE-ML 11 (ZF004743)	BENTLEY G 052 524 B2 PORSCHE 000 043 210 44 PORSCHE 971 094 307 02A VW G 055 524
	12 x 1 L (Bottles			
TITAN FFL-10 BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for wet clutch Mercedes-Benz-8-speed DCTs can also be used in hybrid drivetrains. Provides optimum wear protection and excellent friction properties over the whole lifetime and offers best shifting performance even under hard conditions.	–	MB-APPROVAL 236.22	–
	12 x 1 L (Bottles			
TITAN DCTF	Premium Performance DCTF specially developed for modern use in double clutch transmissions with wet clutches. Combines optimum anti-wear properties with excellent clutch performance	–	–	FORD WSS-M2C936-A MITSUBISHI DIA QUEEN SSTF-1 PSA 9734 S2 VOLVO 1161838 VW TL 52 182 (G 052 182)
	12 x 1 L (Bottles), 3x5 L (Bottles)			

TITAN



Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Automatic Transmission Fluids (ATF)			
TITAN ATF 9134 FE	Premium Performance ATF with reduced viscosity, especially developed to further optimize fuel-economy and gearbox efficiency of latest generation Mercedes-Benz 9-speed automatic transmissions. Not downwards compatible with previous MB-ATF-Specifications. Product dyeing: none.	–	MB-APPROVAL 236.17	NISSAN MATIC P
	12 x 1 L (Bottles), 20 L (Canister)			
TITAN ATF 8400 ULV **NEW**	Premium Performance ATF with extremely reduced viscosity specifically formulated for automatic transmissions of Japanese manufacturers. Product dyeing: red.	–	–	AISIN WARNER AW-2 BMW 83 22 2 413 477 (ATF 7) DEXRON ULV FORD MERCON ULV FORD WSS-M2C949-A PSA 16 350 560 80 VW G 053 001 VW G 060 540 VOLVO 31492172
	12 x 1 L (Bottles)			
TITAN ATF 7134 FE	Premium Performance ATF with reduced viscosity, especially developed to further optimize fuel-economy and gearbox efficiency of latest generation Mercedes-Benz 7-speed automatic transmissions. Not downwards compatible with previous MB-ATF-Specifications. Product dyeing: blue.	–	MB-APPROVAL 236.15	–
	12 x 1 L (Bottles), 3 x 5 L (Bottles), 20 L (Canister), 60 L (Drum), 205 L (Drum)			

Transmission Fluids

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Automatic Transmission Fluids (ATF)		
TITAN ATF 6400 BluEV TECHNOLOGY	Premium Performance ATF with reduced viscosity specifically formulated for automatic transmissions of Japanese and American manufacturers. Licensed according to DEXRON VI and MERCON LV. Additionally also suitable for use in hybrid applications from various manufacturers. Product dyeing: red.	JASO M315 TYPE 1A-LV	DEXRON VI FORD MERCON LV ZF TE-ML 09	AISIN WARNER/AW-1 BMW 81 22 9 400 272 BMW 81 22 9 400 275 BMW 81 22 9 407 738 BMW 83 22 0 397 114 BMW 83 22 0 403 248 BMW 83 22 0 403 249 BMW 83 22 0 432 807 BMW 83 22 2 163 514 BMW 83 22 2 167 718 BMW 83 22 2 167 720 BMW 83 22 2 355 599 BMW 83 22 2 355 601 BMW 83 22 9 407 858 BMW 83 22 9 407 859 FIAT 9.55550-AV2; FIAT 9.55550-AV6 GM 9256039/88863400 HONDA DW-1 HYUNDAI NWS 9638 HYUNDAI SP-IV **HYUNDAI SP-IV M** **HYUNDAI SP-IV RR** JWS 3324 KIA SP-IV MITSUBISHI ATF-J3 MITSUBISHI ATF-PA MITSUBISHI MA1 NISSAN MATIC S TOYOTA TYPE WS VW G 055 540 A2
	12 x 1 L (Bottles)			
TITAN ATF 6009 BluEV TECHNOLOGY	Premium Performance ATF, specially developed to optimize the shifting performance of latest generation ZF automatic transmissions incl. hybrid applications. Product dyeing: green.	–	–	BMW 83 22 2 152 426 BMW 83 22 2 289 720 (ATF 3+) BMW 83 22 2 305 397 (ATF 3) HONDA ATF TYPE 3.1 JAGUAR 02JDE 26444 LAND ROVER LR023288 NISSAN MATIC R
	12 x 1 L (Bottles)			
TITAN ATF 6008 BluEV TECHNOLOGY	Premium Performance ATF, specially developed to optimize the shifting performance of ZF automatic transmissions incl. hybrid applications. Product dyeing: green.	–	–	BMW 83 22 2 152 426 BMW 83 22 2 289 720 (ATF 3+) BMW 83 22 2 305 397 (ATF 3) CHRYSLER 68157995AA FIAT 9.55550-AV5 JAGUAR 02JDE 26444 LAND ROVER LR023288 MB 236.82 VW G 055 162; VW G 060 162
	12 x 1 L (Bottles)			
TITAN ATF 6006	Premium Performance ATF, specially developed to optimize the shifting performance of ZF automatic transmissions. Product dyeing: none.	–	–	AML Oil No. 4G4319A509/AA/S BENTLEY PY112995PA BMW 83 22 0 142 516 BMW 83 22 0 144 137 BMW 83 22 2 305 396 FORD MERCON SP HYUNDAI 040000C90SG JAGUAR FLUID 8432 LAND ROVER TYK500050 MASERATI 231603 VW G 055 005
	12 x 1 L (Bottles)			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Automatic Transmission Fluids (ATF)		
TITAN ATF 5668 **NEW**	Premium Performance ATF especially developed for highly stressed ALLISON step automatic transmissions in commercial vehicles. Product dyeing: red.	–	ALLISON TES 668®	ALLISON TES 295 ALLISON TES 389 VOLVO 97340 VOLVO 97341
	5 GL (Pail), 55 GL (Drum)			
TITAN ATF 1	Ultra High Performance ATF especially developed for highly stressed step automatic transmissions in passenger cars as well as in commercial vehicles. Product dyeing: none.	–	EvoBus 27.000-017 **MAN 339 TYPE Z2** VOITH 150.014524.xx ZF TE-ML 04D, 11B, 14B, 17C (ZF003602)	BMW 83 22 2 220 442 (BMW ATF 4) BMW 83 22 9 407 807 CHRYSLER MS 9602 (ATF +4) CITROËN/PEUGEOT Z 000 169756 DEXRON III IVECO 18-1807 CLASSE AG3/I JAGUAR JLM 20238 MB 236.11 PORSCHE 999.917.547.00 VOITH H55.6336.xx VW TL 521 62 (G 052 162) ZF TE-ML 16L
	12 x 1 L (Bottles)			
TITAN ATF 4400	Ultra High Performance ATF specifically formulated for Japanese passenger cars and light commercial vehicles, as well as for several European and American manufacturers. The high torque capacity exceeds the performance of many original fluids. Product dyeing: red.	JASO M315 TYPE 1A	–	DEXRON III BMW MINI 83 22 0 402 413 BMW MINI 83 22 7 542 290 CHRYSLER MS7176E/9602 (ATF +3/+4) DAIHATSU ALUMIX ATF MULTI FIAT 9.55550-AV1/AV4 FORD MERCON FORD MERCON V FORD M2C924-A/M2C922-A1 FORD WSS-M2C919-E FORD WSS-M2C202-B GM 9986195 HONDA ATF Z-I HYUNDAI SP III ISUZU BESCO ATF -II/ATF -III JATCO 3100 PL085/FWD (N402)/JF506E (K17) JWS 3309/TYPE T-IV MAZDA ATF D-III/ATF M-3/M-V MITSUBISHI SP-II/-III NISSAN MATIC C/D/J SAAB 3309 SUBARU ATF OIL/ATF OIL SPECIAL/ATF HP SUZUKI ATF 3309/3317 TOYOTA TYPE D-2/T/T-II/T-III/T-IV VW G 052 990/055 025
	12 x 1 L (Bottles), 20 L (Canister), 205 L (Drum)			

Transmission Fluids

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Automatic Transmission Fluids (ATF)		
TITAN ATF 4134	Ultra High Performance ATF, specially developed to optimize shifting performance of Mercedes automatic transmissions. Product dyeing: red.	–	MB-APPROVAL 236.14 SSANG YONG (MB-automatic transmissions)	–
	12 x 1 L (Bottles), 3 x 5 L (Bottles), 20 L (Canister), 205 L (Drum)			
TITAN ATF 4000	Ultra High Performance ATF for use in automatic transmissions as well as other ATF applications. Licensed according to DEXRON III (H). Improved low-temperature shifting compared to DEXRON II. Product dyeing: red.	–	DEXRON III (H) MAN 339 TYPE L1 MAN 339 TYPE V1 MAN 339 TYPE Z1 MB-APPROVAL 236.1 MB-APPROVAL 236.9 VOITH H55.6335.xx VOLVO 97341 ZF TE-ML 04D, 14A (ZF000728)	ALLISON C-4 ALLISON TES 389 BMW 81 22 9 400 272 BMW 81 22 9 400 275 BMW 81 22 9 407 738 BMW 83 22 0 403 248 BMW 83 22 9 407 765 BMW 83 22 9 407 807 BMW 83 22 9 407 858 BMW 83 22 9 407 859 CAT TO-2 FORD MERCON OPEL 19 40 707 OPEL 19 40 767 VW TL 521 62 (G 052 162) ZF TE-ML 02F, 03D, 09, 11B, 17C
	5 GL (Pail), 55 GL (Drum), 330 GL (IBC)			

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Continuously Variable Transmission Fluids (CVTF)				
TITAN CVTF FLEX	Premium Performance CVTF specially designed for use in many CVT-gear-boxes using push-belts or transmission chains made of steel. Product dyeing: none.	–	–	BMW 83 22 0 136 376 BMW 83 22 0 429 154 CHRYSLER CVTF+4 DAIHATSU AMMIX CVTF-DC/-DFE DODGE/JEEP NS-2/CVTF+4 FORD WSS-M2C933-A/MERCON C GM 19260800 GM DEX-CVT GM HP CVTF HONDA HCF-2 HYUNDAI/KIA SP-CVT1 MAZDA CVTF 3320 MITSUBISHI CVTF-J1/J4 NISSAN NS-1/NS-2/NS-3 SUBARU Lineartronic CV-30/CVTF/ CVTF II/E-CVT/iCVT SUZUKI TC/NS-2/CVT Green 1/ CVT Green 2/CVTF 3320 TOYOTA TC/CVT FE VW TL 521 80 (G 052 180) VW TL 525 16 (G 052 516)
	12 x 1 L (Bottles), 3 x 5 L (Bottles)			
Transfer Case Fluid (TCF)				
TITAN TCF 1	Premium Performance TCF specially designed for use in many transfer cases with wet running clutch.	–	MB-APPROVAL 239.41	BMW 83 22 2 409 710 (BMW DTF 1) BMW 83 22 0 397 244 LAND ROVER IYK500010 NISSAN 999-MP-TF0870P PORSCHE 000 043 301 36 PORSCHE 000 043 305 63 VW G 055 015 VW G 052 515 VW G 055 515
	12 x 1 L (Bottles)			

Automatic Transmission Fluid Flushing – Gear+ Higher Revenue Through Transmission Oil Service

The optimal solution for your customers to effectively clean the automatic transmission by flushing the oil circuit and filling it completely with the appropriate fresh oil.

MULTIFUNCTIONAL OILS

In many applications in the agricultural and construction industries there are, in addition to Lubricants that are only used for a specific component so-called all-rounders: STOU and UTTO products.

Both were developed for use in transmissions and hydraulic systems and can also be used in brakes running in an oil bath (wet brakes).

STOU products can also be used in the engine if the relevant specifications are met. In simple terms, this means that a STOU is a UTTO with engine performance.

The advantages of such all-rounders are obvious: on the one hand, a real sort rationalization is possible, on the other hand, the risk of incorrect filling is significantly reduced.

FUCHS is a real pioneer in these UTTO and STOU lubricants and offers a comprehensive product range.

Multifunctional Oils

UTTO Oils for Construction Machinery	36
UTTO Oils for Construction Machinery and UTTO Oils for Agricultural Machinery	37

Multifunctional Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		UTTO Oils for Construction Machinery		
TITAN UTTO PRO 102 **NEW**	Premium Performance Multifunctional Oil for gears, axles and hydraulic systems with improved wear protection and wide range of application temperatures. Specially developed and approved for VOLVO axles with built-in wet brakes in construction machinery.	API GL-4 SAE J306: 75W-75	VOLVO WB 102	ALLISON C-4 CASE MS 1207/1209/1210 CATERPILLAR TO-2 FORD M2C86-C FORD ESN-M2C134-D JCB 4000/0500 - JCB 4000/2200 JOHN DEERE JDM J20C JOHN DEERE JDM J20D KOMATSU AXO 80 (KES 07.866) KUBOTA UDT FLUID MASSEY FERGUSON CMS M 1145, 1143, 1135 VOLVO WB 101 ZF TE-ML 03E, 05F, 06K, 17E, 21F SAE J300: 0W-20
	20 L (Canister), 205 L (Drum)			

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
UTTO Oils for Construction Machinery				
TITAN UTTO TO-4 SAE 10W	High Performance multifunctional lubricant for hydraulics in construction machinery.	API GL-4 CAT TO-4	ZF TE-ML 03C (ZF002186)	ALLISON C-4 KOMATSU KES 07.868.1
	5 GL (Pail), 55 GL (Drum), 300 GL (IBC), Tank Truck			
TITAN UTTO TO-4 SAE 30	High Performance multifunctional transmission lubricant for construction machinery.	API GL-4 CAT TO-4	ZF TE-ML 03C, 07F (ZF002185)	ALLISON C-4 ALLISON TES-439 KOMATSU KES 07.868.1
	5 GL (Pail), 55 GL (Drum), 300 GL (IBC), Tank Truck			
TITAN UTTO TO-4 SAE 50	High Performance multifunctional lubricant for final drives in construction machinery.	API GL-4 CAT TO-4	–	KOMATSU KES 07.868.1
	5 GL (Pail), 55 GL (Drum), 300 GL (IBC), Tank Truck			
UTTO Oils for Agricultural Machinery				
AGRIFARM UTTO MP	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	**DANA-OHTM-UTTO** **VOLVO WB 101** 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
	5 GL (Pail) 55 GL (Drum), 330 GL (IBC), Tank Truck			

SERVICE PRODUCTS

The FUCHS MAINTAIN range of workshop and service products is a comprehensive portfolio of coolants, brake fluids and fuel additives. FUCHS MAINTAIN offers your vehicle optimum protection at all times.

Our MAINTAIN products match with nearly every vehicle type and offer the best possible protection together with the latest technology.

Service Products

Antifreezes 40-41

Service Products

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Antifreezes		
MAINTAIN FRICOFIN LL	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites, amines, phosphates and silicates with OAT-technology. Product dyeing: orange.	ASTM D 3306 TYPE I ASTM D 6210 TYPE I-FF BS 6580:2010 SAE J814 FORD WSS-M97B44-D JAGUAR LAND ROVER STJLR.651.5003 FVV Heft R443 KSM 2142 UNE 26-361-88/1	Bez.Reg.Arnsbg. E62.12.22.64-2011-1 CAT / MWM TR 0199-99-2091 DAF 74002 DEUTZ DQC CB-14 MAN 324 TYPE SNF MB-APPROVAL 325.3 MTU MTL 5048	AFNOR NFR 15-601 TYPE I AS/NZS 2108:2004 TYPE A ASTM D 4985 SAE J1034 ADE (ATLANTIS DIESEL ENGINES) BAIC GROUP FOTON Q-FPT 2313005-2013 CATERPILLAR MAK A4.05.09.01 CHRYSLER MS 12106 CNH MAT 3624 CNH MAT 3724 CUMMINS (ISBe engines at DAF and Leyland) CUMMINS CES 14603, CES 14439 DETROIT DIESEL 93K217 FIAT 9.55523 GM GMW 3420 (6277M)/ GME L 1301 HYUNDAI MS 591-08 JASO M325 JIS K2234 JOHN DEERE JDM H5 KOMATSU AF-NAC (07.892 (2009)) LIEBHERR MD 1-36-130 MACK 014 GS 17009 MAZDA MEZ MN 121 D PSA B 71 5110 RENAULT 41-01-001/- -S Type D Bergen Engines 2.13.01 SAAB B 040 1065 SKODA 61-0-0257 TOYOTA TSK 2601G-8A VW TL 774-D/F (G12+ / different color) VOLVO COOLANT VCS (STD 418-0001) VOLVO COOLANT XLC (STD 418-0005)
	4x5 L (Bottles), 205 L (Drum)			
MAINTAIN FRICOFIN V	Premium Performance Coolant Concentrate based on monoethylene glycol and glycerin. Free of nitrites, amines and phosphates with Si-OAT-technology. Product dyeing: pink-violet.	ASTM D 3306 TYPE V BS 6580:2010	VW TL 774-J (G13)	–
	12x1 L (Bottles), 3 x 5 L (Bottles), 205 L (Drum)			
MAINTAIN FRICOFIN DP BluEV TECHNOLOGY	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites, amines and phosphates with Si-OAT-technology. Product dyeing: pink-violet.	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** **JIS K 2234:2006** SAE J814 **SAE J1034** **SANS 1251:2005** **China GB 29743-2013**	**CUMMINS CES 14603** DEUTZ DQC CC-14 MAN 324 TYPE Si-OAT MB-APPROVAL 325.5 MB-APPROVAL 325.6 **MTU MTL 5048** VW TL 774-G (G12++) **VOITH (172.00225040 – Type Si-OAT)**	**ASTM D 6210 TYPE I** DETROIT DIESEL 93K217 SCANIA TB 1451 **LIEBHERR LH-01-COL3A** **PN-C 40007:2000**
	12x1 L (Bottles), 3 x 5 L (Bottles), 205 L (Drum)			

MAINTAIN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Antifreezes		
MAINTAIN FRICOFIN	Super High Performance Coolant concentrate Based on monoethylene Glycol. Free from nitrite, Amine, and phosphates	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)
	5 X 4 L (Bottles)			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

SPECIALTIES

Buzzwords such as fuel economy and energy saving are becoming more and more popular. In the light of this, and in order to meet the special demands of a large construction machinery manufacturer, we have developed and successfully launched the new RENOLIN XtremeTemp hydraulic oil.

RENOLIN XtremeTemp significantly reduces fuel consumption while at the same time offering high efficiency, longer service life and thereby less maintenance and lower failure related downtimes as well as a broader operating temperature range. RENOLIN XtremeTemp significantly reduces the operating costs of machinery such as earth-moving machines.

You can benefit from our experience, too.

Specialties

Central Hydraulic / Power Steering Fluids	45
Greases	46

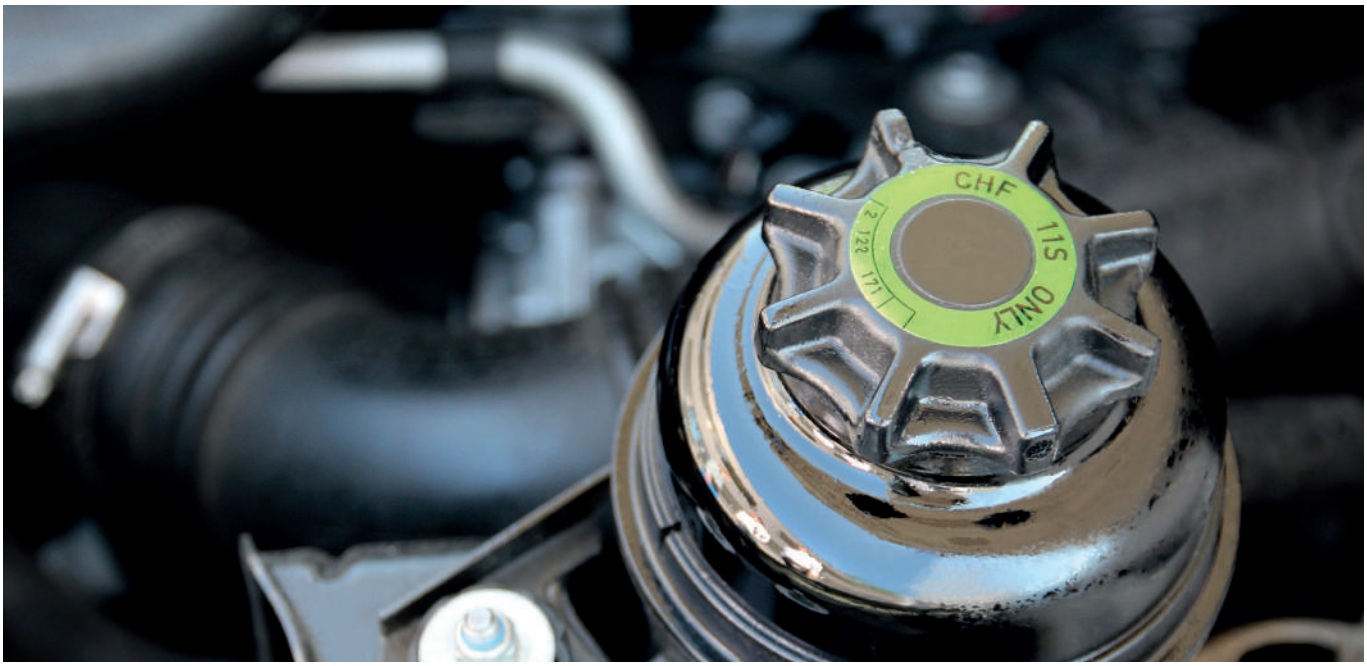
FUCHS TITAN CHF - Central hydraulic and power steering fluids of the highest quality

Modern central hydraulic and power steering systems require special formulations to ensure the best performance, durability and especially safety.
The majority of our TITAN CHF range was developed for initial filling by various OEM and thus covers the highest OEM quality standards.

Convince yourself of our excellent portfolio of central hydraulic fluids and power steering fluids.

Specialties

TITAN



Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Central Hydraulic / Power Steering Fluids		
TITAN CHF 11S	Premium Performance Power Steering and Central Hydraulic Fluid with a wide application and approval profile for various manufacturers. Product dyeing: green.	FORD WSS-M2C204-A	CHRYSLER MS-11655B EvoBus 39.060-001 MAN M 3289 MB-APPROVAL 345.0 PSA S71 2710 ZF TE-ML 02K (ZF004744) VW TL 52 146 (G 002 000)	BENTLEY JNV862564F BMW 81 22 9 407 758 BMW 82 11 1 468 041 BMW 83 29 0 429 576 FENDT X 902 011 622 IVECO 18-1807 CLASSE APU OPEL B 040 0070 PORSCHE 000 043 203 33 SAAB 3032 380 VOLVO 1161529
	6 x 1 L (Tin)			
TITAN CHF 202 BluEV TECHNOLOGY	Premium Performance Power Steering and Central Hydraulic Fluid with a wide application and approval profile for various manufacturers. Product dyeing: green.	FORD WSS-M2C204-A2	HYUNDAI 00232-19017 OPEL B 040 2012 VW TL 52 146.01 (G 004 000)	AUDI/VW G 004 012 PORSCHE 000 043 206 56 PORSCHE 000 043 305 74 SAAB 93160548 VOLVO 30741424 LAND ROVER LR003401
	6 x 1 L (Tin)			

Specialties

RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
Greases – Automotive Applications								
RENOLIT LX-OTP 2	–	Li-X Polyglycol	•	1-2	360	-40 / +160	MAN	Lubrication of MAN knuckle pins.
	12 x 0,4 kg (Cartridge), further packages on request							
RENOLIT LX-PEP 2	KP2N-30 ISO-L-XC(F)DEB 2	Li-X Mineral oil	–	2	170	-30 / +150	MAN 284 Li-H2, MB Approval 265.1, ZF TE-ML 12, Schaeffler Gruppe, VW TL 52 147 X, Interprecise (IDC-Bearings), Deutsche Bahn	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, needle bearings of cardan shafts, plain and roller bearings, ventilator grease.
	12 x 0,4 kg (Cartridge), 12 x 0,5 kg (Cartridge), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							

Ca-X: Calcium complex; CaSX: Calcium sulfonate complex; Li/Ca: Lithium/Calcium; Li-X: Lithium complex; PU: Polyurea; Synth. NaX: Synthetic sodium complex; PFPE: Perfluorpolyether

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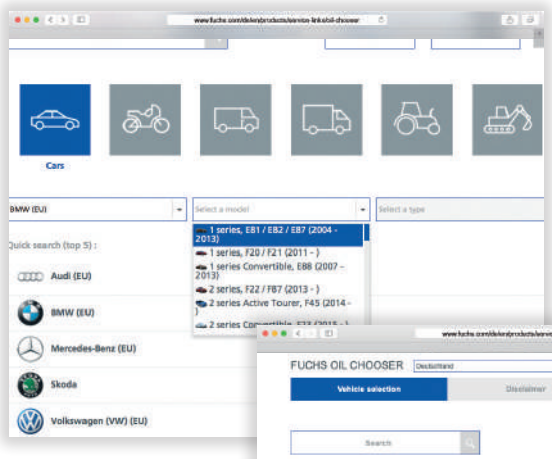
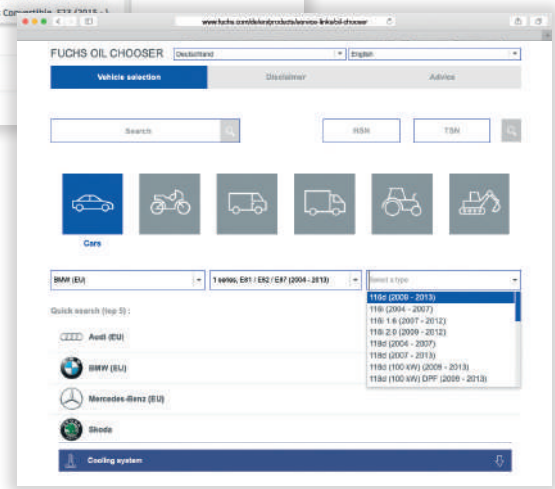
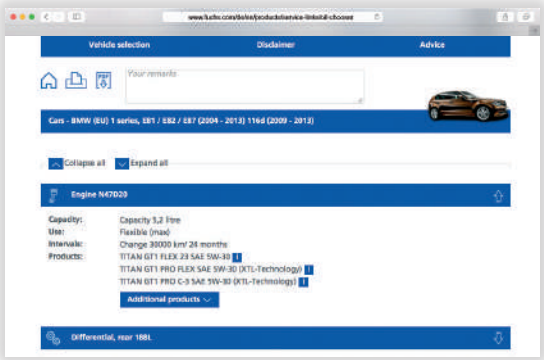




By selecting the type of your model ...



... an overview of all application areas and their relevant lubricants and service fluids will appear (e.g. engine).

FUCHS Lubricants

Innovative lubricants need experienced application engineers

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

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