

Commercial Vehicle Brochure

2024



LUBRICANTS.
TECHNOLOGY.
PEOPLE.



MOVING YOUR WORLD

FUCHS LUBRICANTS SOUTH AFRICA

We don't just develop lubricants. For highly complex challenges in a wide range of industries, we develop innovative lubricant solutions that enable the mobility of tomorrow. Our goal: to keep our customers' world in motion. Efficient, sustainable, reliable. Today and tomorrow.

What can we move for you?



FUCHS LUBRICANTS SOUTH AFRICA

Facts and figures

Company: FUCHS LUBRICANTS SOUTH AFRICA A COMPANY OF THE FUCHS GROUP

Headquarters: Johannesburg, Gauteng

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

Certifications: IATF 16949, ISO 14001, ISO 45001, ISO 50001

MOVING YOUR WORLD

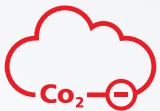
FUCHS lubricants

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

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



Rapidly biodegradable – protecting endangered habitats



CO₂ reductions – optimizing our customer's carbon balance



Food grade – enables industrial food processing



Process compatibility – efficient operations



Less wear – reliable operations



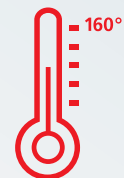
Fuel savings – saving precious resources and lowering emissions



Corrosion protection – enhanced machine life



Extension of maintenance intervals – reduced downtimes



High thermal resistance – enhanced lubricant use, cost reduction



Reduced oil consumption – resource efficiency

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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



FB (Flowbin)



Tin



Drum



Tube



Tanker



Spray can



BULK



Bucket



Bottle



Hobcock

The World of Automotive Lubricants

Engine Oils



TITAN

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.

Transmission Fluids



TITAN

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.

Service Products



TITAN

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

Lubricants for E-Mobility

FUCHS BluEV



Our product line FUCHS BluEV offers a comprehensive portfolio of lubricants specifically developed for applications in hybrid and fully electric vehicles. The product line includes lubricants, which are directly used in electrified applications as well as for the manufacturing process. In our Automotive portfolio we offer Electric Driveline Fluids (EDF) for E-axles as well as Thermal Fluids (TF) for directly cooled E-motors, batteries and charging stations and Dedicated Hybrid Transmission Fluids (DHTF) for hybridized drivetrains.

Lubricants for Agricultural Machinery

AGRIFARM



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.

Motorcycle Lubricants

Silkolene®



FUCHS offers more products that are specifically developed for the requirements of motorcycles and two-stroke engines than any other supplier on the market. Our new XP technology for motorized two-wheelers offers significantly reduced fuel and oil consumption, meets the highest API specifications and boosts performance with the Pro 4 and Comp 4 products.

Environmentally Friendly Lubricants

PLANTO

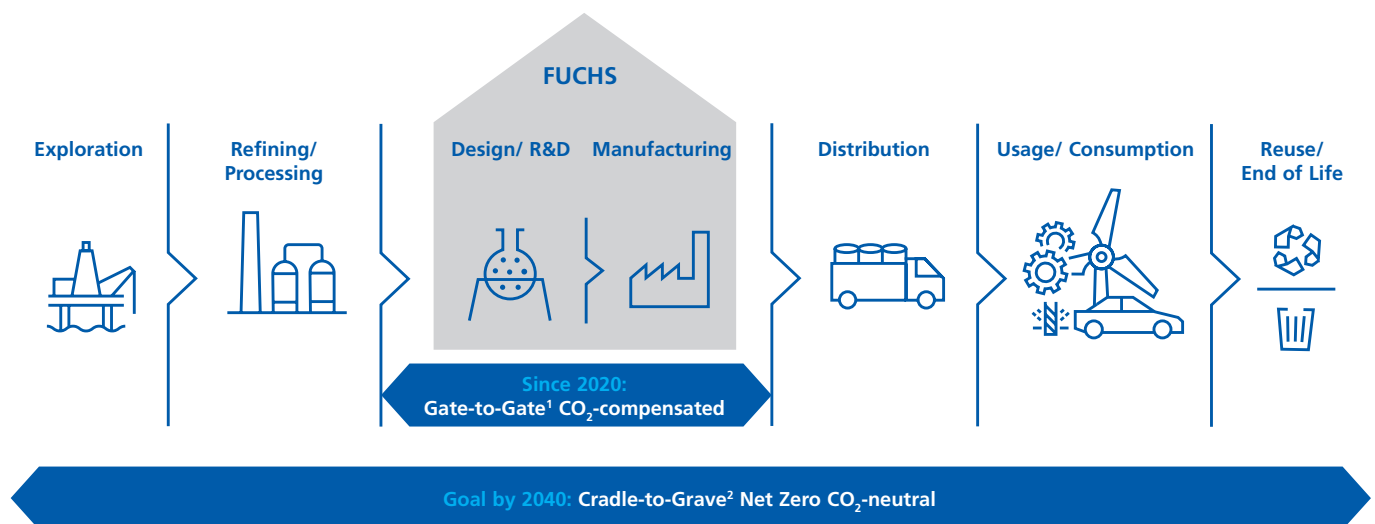


The dream of environmentally friendly lubricants is nothing new. Indeed, FUCHS was one of the first companies to enter the market with rapidly biodegradable lubricants back in the 70s. Since then, FUCHS has invested heavily in researching and further developing these lubricants. The reward for all this 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.

ACTIVE PLAYER FOR SUSTAINABILITY – The path to 2040

The FUCHS carbon-neutrality strategy is embedded in our sustainability strategy, which began in 2010 when we signed the „Code of Responsible Conduct for Business“. In 2018 we joined the „Alliance for Development and Climate“ led by the Federal Ministry for Economic Cooperation and Development.

At the same time, we initiated the foundation of a sustainability workgroup under the umbrella of the Union of the European Lubricants Industry (UEIL). Together, we develop harmonized sustainability standards, KPIs, and benchmarks to enable sustainability-based comparisons.



¹ Gate-to-Gate Scope includes GHG-Protocol Scope 1, 2 and selected Scope 3 emissions (water, waste, business travel, commuting) for all affiliates and JVs incl. compensation.

² Cradle-to-Grave Scope includes GHG-Protocol Scope 1, 2 and applicable Scope 3 emissions (3.1/2/3/4/5/6/7/12) for all subsidiaries and JVs.

FUCHS has already achieved its first milestone, and in 2021 it also for the first time extended the recording of its Corporate Carbon Footprint and offset to all joint ventures. To do this, all greenhouse gas emissions of FUCHS that are directly attributable to our business activities (“gate-to-gate”) have been measured retroactively since 2019 and offset through investments in climate protection projects.

FUCHS restricts its choice of projects for this purpose to high-quality certifications such as UN Gold Standard or VERRA. In any case, compensation measures are only the last step undertaken once avoidance and reduction measures have met their limits. FUCHS is therefore continuously expanding the proportion of renewable energies that make up its power supply, with the aim of gradually sourcing its electricity worldwide from renewable sources.



→ More information about our path to climate neutrality

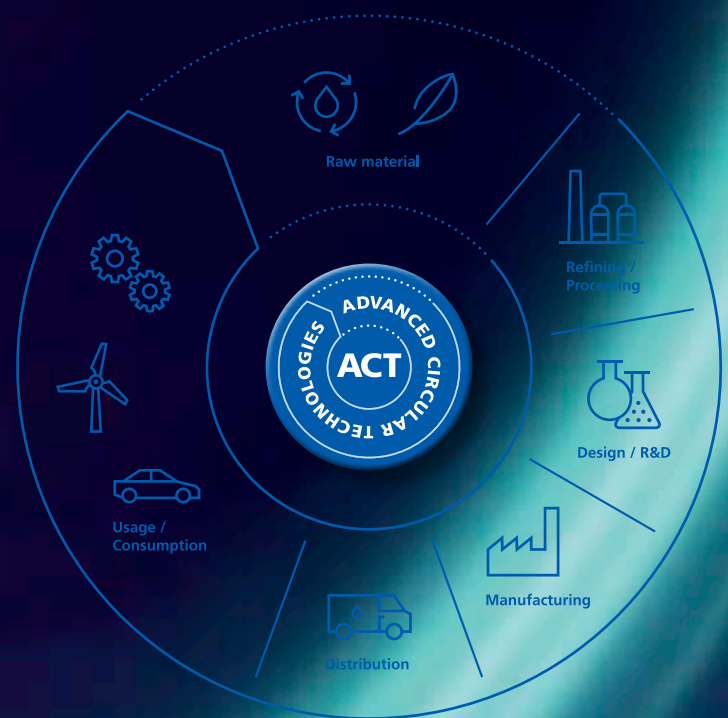
TIME TO ACT

Renewable, bio-based, recycled – on the way to a circular economy

ACT, Advanced Circular Technologies, answers the challenge to transform our value chain from linear to circular - without compromising on performance!

ACT sums up everything we do for this transformation process: starting with raw materials to the application of our lubricant solutions and up to recycling at the end of the life cycle.

TIME TO ACT: we gradually replace finite raw materials with renewable, bio-based or recycled ones.



Sustainability meets performance

Selected products now based on ACT

- Selected FUCHS oils based on ACT product technologies now get a sustainability upgrade
- Your benefit: smaller Product Carbon Footprint and more sustainability as an add-on to the well-known outstanding FUCHS quality and performance
- ACT is driven by meticulous research and development, adding technical to environmental value





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 product 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-litre packs and the double handle on 4- and 5-litre 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 CO₂-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.



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!

* Partly also based on compensation

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 (500ml + 1-litre packs), two handles (5-litre packs)
- New tamper-resistant screw cap

EASY ON THE ENVIRONMENT



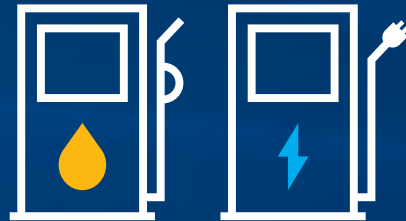
- Made of at least 30% recycled materials – 100% recyclable
- Improved residual emptying
- CO₂-neutral production



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

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

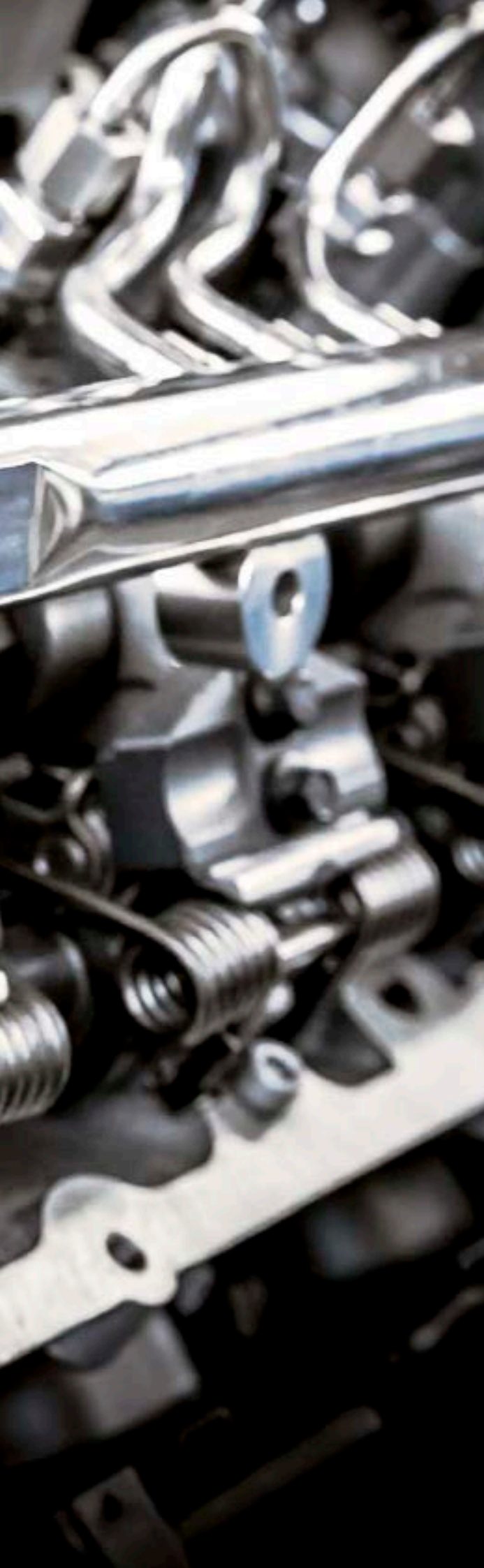
TECHNOLOGY



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.



Engine Oils

| | |
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*Import products are available on request.

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.







TITAN

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|--|--|--|---|---|
| Engine Oils for Commercial Vehicles | | | | |
| TITAN CARGO MAXX II SAE 5W-30  | Premium MAXX Performance Engine Oil with new XTL®-Technology. Specially developed for vehicles with modern exhaust after treatment and turbocharger. Optimum cold starting properties and ageing stability for extreme fuel-economy over the whole drain-interval. | ACEA E11, E8, E7, E4 API CK-4/CJ-4 CAT ECF-3 JASO DH-1/DH-2/DL-0 | CUMMINS CES 20081 CUMMINS CES 20086 DEUTZ DQC IV-18 LA MACK EOS-4.5 MAN M 3677 MAN M 3775 MAN M 3777 MB-APPROVAL 228.31 MB-APPROVAL 228.51 MB-APPROVAL 228.52 MTU DDC TYPE 2.1 MTU DDC TYPE 3.1 RENAULT RLD-3 SCANIA LDF-4 VOLVO VDS-4.5 | ACEA E9, E6 DETROIT DIESEL 93K218 DETROIT DIESEL 93K222 IVECO 18-1804 CLASSE TLS E6 LIEBHERR LH-00-ENG LA MAN M 3271-1 MAN M 3477 MAN M 3575 RENAULT RLD-4 SCANIA LA |
|  | 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN CARGO MAXX II SAE 10W-40  | Premium MAXX Performance Engine Oil with new XTL®-Technology. Specially developed for vehicles with modern exhaust after treatment and turbocharger. Good cold starting properties and ageing stability for fuel-economy over the whole drain-interval. | ACEA E11, E8, E7, E4 API CK-4/CJ-4 CAT ECF-3 JASO DH-1/DL-0 JASO DH-2 | CUMMINS CES 20081 CUMMINS CES 20086 DEUTZ DQC IV-18 LA MACK EOS-4.5 MAN M 3775 MB-APPROVAL 228.31 MB-APPROVAL 228.51 MB-APPROVAL 228.52 MTU DDC TYPE 2.1 MTU DDC TYPE 3.1 RENAULT RLD-3 VOLVO VDS-4.5 | ACEA E9, E6 DETROIT DIESEL 93K218 DETROIT DIESEL 93K222 IVECO 18-1804 CLASSE TLS E9 IVECO 18-1809 CLASSE NG2 LIEBHERR LH-00-ENG LA MAN M 3271-1 MAN M 3477 MAN M 3575 RENAULT RLD-4 SCANIA LA VOITH-RETARDER „B“ |
|  | 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |





Engine Oils

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|--|---|--|--|
| Engine Oils for Commercial Vehicles | | | | |
| TITAN CARGO FLEX LD SAE 10W-40 | Premium Performance, extreme fuel-economy engine oil, specially developed for commercial vehicles with modern exhaust after treatment systems and turbocharger. Offers good cold starting and lower oil consumption. | ACEA E11, E8, E7 API CK-4/SN CAT ECF-3 JASO DH-2 | DEUTZ DQC IV-18 LA MACK EOS-4.5 MAN M 3775 MB-APPROVAL 228.31 MB-APPROVAL 228.51 MTU DDC TYPE 3.1 RENAULT RLD-3 VOLVO VDS 4.5 | ACEA E9, E6 CUMMINS CES 20086 DETROIT DIESEL 93K222 IVECO 18-1804 TLS E9 MAN M 3477/3575 RENAULT RLD-4 SCANIA LA |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN CARGO SL SAE 5W-30 | Premium Performance, extreme fuel-economy engine oil for a variety of commercial vehicle diesel engines, with optimum cold starting and lower oil consumption. Specially developed for extended service intervals. | ACEA E7, E4 FORD WSS-M2C212-A1 | DEUTZ DQC IV-18 DTFR 15B120 (MB 228.5) MACK EO-N MAN M 3277 MB-APPROVAL 235.28 MTU DDC TYPE 3 RENAULT RXD/RLD-2 SCANIA LDF-3 VOITH-RETARDER „B“ VOLVO VDS-3 | CUMMINS CES 20077 IVECO 18-1804 CLASSE TFE SCANIA LDF-2 |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), Tanker | | | |
| TITAN CARGO FLEX K-4 SAE 10W-40 NEW | | ACEA E11, E8, E7 API CK-4 CAT ECF-3 | DETROIT DIESEL 93K222 DEUTZ DQC IV-18 LA DTFR 15C110 (MB 228.51) MACK EOS-4.5 MAN M 3775 RENAULT RLD-3 VOLVO VDS 4.5 | ACEA E9, E6 CUMMINS CES 20086 |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN CARGO PRO T SAE 5W-20 NEW | Premium Performance, extremely fuel-economy engine oil. Specially developed for MAN and SCANIA Euro VI-d commercial vehicle engines with modern exhaust after treatment systems. Offers good cold starting properties and lower oil consumption. | – | MAN M 3977 SCANIA LDF-5 | – |
|  | 20 L (Canister), 205 L (Drum), Tanker | | | |
| TITAN CARGO LD3 SAE 10W-40 | Premium Performance, fuel-economy engine oil for use in Scania Euro VI vehicles. Specially developed for extended service intervals. | ACEA E7, E4 | MACK EO-N MAN M 3277 MB-APPROVAL 228.5 RENAULT RLD-2 SCANIA LDF-3 VOLVO VDS-3 | API CF SCANIA LDF-2 |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN CARGO MC SAE 10W-40 | Premium Performance, fuel-economy engine oil based on MC-synthesis for a variety of commercial vehicle diesel engines. Specially developed for extended service intervals. Good cold starting and lower oil consumption. | ACEA E7, E4 API CI-4 GLOBAL DHD-1 JASO DH-1 | CUMMINS CES 20077/8 DETROIT DIESEL 93K215 DEUTZ DQC III-18 DTFR 15B120 (MB 228.5) MACK EO-N MAN M 3277 MB-APPROVAL 228.5 MTU DDC TYPE 3 RENAULT RLD-2 VOLVO VDS-3 | ALLISON C-4 FORD WSS-M2C944-A IVECO 18-1804 SDFG OM-1901A |
|  | 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |

TITAN



| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|--|---|---|---|
| Engine Oils for Commercial Vehicles | | | | |
| 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 E11 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 | ACEA E9 DETROIT DIESEL 93K222 MAN M 3575 RENAULT RLD-4 |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB) | | | |
| TITAN CARGO SAE 10W-40 | Premium Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger. | ACEA E11, E7 API CK-4/CJ-4/SN CAT ECF-3 JASO DH-2 | DEUTZ DQC III-18 LA MACK EOS-4.5 MAN M 3775 MB-APPROVAL 228.31 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4.5 | ACEA E9 CUMMINS CES 20086 CNH MAT 3571 DETROIT DIESEL 93K222 MAN M 3575 RENAULT RLD-4 |
|  | 3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum) | | | |
| 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 E11, E7 API CK-4/CJ-4/SN 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 | ACEA E9 MAN M 3575 RENAULT RLD-4 |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| 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 DTFR 15B110 (MB 228.3) MACK EO-N 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 |
|  | 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |

Engine Oils





| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|--|--|--|--|
| Engine Oils for Commercial Vehicles | | | | |
| TITAN UNIMAX ULTRA MC SAE 10W-40 | Ultra High Performance Engine Oil based on MC-synthesis for all commercial vehicles, off-highway equipment and passenger cars. Substantial rationalisation opportunities for mixed fleets. Prolongation of drain intervals possible with many manufacturers. Good cold starting and lower oil consumption. | ACEA E7, A3/B3, A3/B4 API CI-4 GLOBAL DHD-1 JASO DH-1 | CUMMINS CES 20077/8 DETROIT DIESEL 93K215 DEUTZ DQC III-10 DTFR 13D100 (MB 235.27) MACK EO-M PLUS MAN M 3275-1 MB-APPROVAL 228.3 MTU DDC TYPE 2 RENAULT RLD/RLD-2 VOITH-RETARDER „A“ VOLVO VDS-3 | ALLISON C-4 CAT ECF-2 CUMMINS CES 20071/2/6 MB 229.1 VW 500 00/501 01/ 505 00 |
|  | 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tanker | | | |
| TITAN UNIMAX PLUS MC SAE 10W-40 | Ultra High Performance, fuel-economy engine oil based on MC-synthesis for all commercial vehicles, off-highway equipment and passenger cars. Substantial rationalisation opportunities for mixed fleets. Prolongation of drain intervals possible with some manufacturers. Good cold starting and lower oil consumption. | ACEA E7, A3/B3 API CH-4 | DEUTZ DQC II-10 MAN M 3275-1 MB-APPROVAL 228.3 MB-APPROVAL 235.27 MTU DDC TYPE 2 RENAULT RD/RD-2 VOITH-RETARDER „A“ VOLVO VDS-2 | ALLISON C-4 CUMMINS CES 20071/2/6/7 MACK EO-M PLUS MB 229.1 |
|  | 12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tanker | | | |
| TITAN UNIVERSAL HD SAE 10W | High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable. | – | ZF TE-ML 03B (ZF002013) | ACEA E2 API CF-4/SG MAN 270 MIL-L-2104 D ALLISON C-4 CAT TO-2 MB 228.0 ZF TE-ML 02C |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB) | | | |
| TITAN UNIVERSAL HD SAE 30 | High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable. | – | DEUTZ DQC I-02 MTU DDC TYPE 2 ZF TE-ML 04B (ZF001189) | ACEA E2 API CF-4/SG MIL-L-2104 D ALLISON C-4 CAT TO-2 MAN 270 MB 228.2 ZF TE-ML 02C |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |



TITAN

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|--|---|----------------|---|--|
| Monograde Engine Oils | | | | |
| TITAN UNIVERSAL HD SAE 40 | High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable. | – | DEUTZ DQC I-02 MTU DDC TYPE 2 ZF TE-ML 04B (ZF001190) | ACEA E2 API CF-2/CF-4/SG MB 228.2 MB 235.12 MIL-L-2104 D ALLISON C-4 CAT TO-2 MAN 270 ZF TE-ML 02C |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB) | | | |
| TITAN UNIVERSAL HD SAE 50 | High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable. | – | DEUTZ DQC I-02 MAN M 3275-2 | ACEA E2 API CF-4/SG MIL-L-2104 D ALLISON C-4 CAT TO-2 MB 228.0 ZF TE-ML 02C |
|  | 20 L (Canister), 205 L (Drum) | | | |



| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|--|--------------------------------|-----------|-----------------------|
| 2-Stroke Engine Oils | | | | |
| TITAN 2T ULTRA NEW | Premium Performance two-stroke engine oil for Autolube and Premix systems formulated with high quality base oils. Product dyeing: blue. | API TC JASO FD ISO L-EGD | – | HVA 346 HVA 372 |
|  | 12 x 1 L (Bottle), 20 L (Canister), 1.000 L (FB) | | | |
| TITAN 2T S | Ultra High Performance two-stroke engine oil. Mixes rapidly. Suitable for Autolube as well as Premix systems. Product dyeing: blue. | API TC JASO FC ISO L-EGC | – | – |
|  | 12 x 1 L (Bottle), 20 L (Canister) | | | |
| TITAN 2T TC | High Performance mineral based two-stroke engine oil for modern air-cooled engines. | API TC | | |
|  | 50 x 200 ML (Bottle), 20 x 500 ML (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 210 L (Drum), 1.000 L (FB) | | | |
| TITAN 2T PLUS | High Performance Semi-Synthetic two-stroke engine oil for modern engines. | | – | – |
|  | 12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 210 L (Drum), 1.000 L (FB) | | | |

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

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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| Automatic Transmission Fluids (ATF) | 28-30 |
| Continuously Variable Transmission Fluids (CVTF) | 31 |







Transmission Fluids

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|--|-------------------------|---|---|
| Axle Gear Oils and Manual Transmission Fluids for Passenger Cars | | | | |
| TITAN SINTOFLUID FE SAE 75W  | 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 | FIAT 9.55550-MZ2 FORD WSS-M2C200-D2 GMW17594 MB 235.73 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) |
|  | 12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB) | | | |
| 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 (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum) | | | |
| TITAN SINTOPOID FE SAE 75W-85 | 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 (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB) | | | |
| 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 (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum) | | | |
| 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 (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB) | | | |



TITAN

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|---|------------------------------|---|--|
| Axle Gear Oils and Manual Transmission Fluids for Passenger Cars | | | | |
| 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 (Bottle), 60 L (Drum), 205 L (Drum), 1.000 L (FB) | | | |
| Axle Gear Oils and Manual Transmission Fluids for Passenger Cars and Commercial Vehicles | | | | |
| 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 | DTFR 12B100 (MB 235.0) 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 (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN SUPERGEAR MC SAE 80W-140 | Ultra High Performance Gear Oil based on MC-Synthesis for extended oil change intervals. | – | ZF TE-ML 05A, 12M, 16C, 21A (ZF006028) | API GL-4/GL-5 API MT-1 JOHN DEERE JDM J11E OPEL 19 42 386 RENAULT VI SCANIA STO 1:0 VOLVO 97310 ZF TE-ML 08 |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB) | | | |
| 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 |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), Tanker | | | |
| 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 |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN SUPERGEAR LS SAE 80W-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 VOLVO 97321 ZF TE-ML 05C |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |


Transmission Fluids

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|--|------------------------------|--|--|
| Axle Gear Oils and Manual Transmission Fluids for Commercial Vehicles | | | | |
| TITAN GEAR MP SAE 80 | High Performance Gear Oil for synchronized and non-synchronized manual gearboxes as well as auxiliary drives, axles and differentials in commercial vehicles and passenger cars. | API GL-4 | MB-APPROVAL 235.1 ZF TE-ML 17A (ZF000654) | BMW MTF 1 (BMW 81 22 2 339 384) BMW 81 22 9 407 052 BMW 81 22 9 407 053 FORD M2C9008-A VW TL 726 ZF TE-ML 08 |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), Tanker | | | |
| TITAN GEAR MP SAE 90 | High Performance Gear Oil for synchronized and non-synchronized manual gearboxes as well as auxiliary drives, axles and differentials in commercial vehicles and passenger cars. | API GL-4 | – | MAN 341 TYPE E1, Z1 MB 235.1 ZF TE-ML 02A, 16A, 17A, 19A |
|  | 3 x 5 L (Bottle), 4 x 5 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (FB) | | | |
| 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 | DTFR 12B100 (MB 235.0) 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 |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), Tanker | | | |
| TITAN CYTRAC SL SAE 75W-90 | Premium Performance Gear Oil for highly-stressed hypoid axles in commercial vehicles formulated with fully-synthetic base oils. Developed for the longest oil change intervals in commercial vehicle axle drives. | API GL-5 | MAN 342 TYPE S1 SCANIA STO 1:0 | JOHN DEERE JDM J11E JOHN DEERE JDM J11G MB 235.8 VOLVO 97312 ZF TE-ML 05B, 07, 08, 12B, 16F, 17B |
|  | 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN CYTRAC FE SYNTH SAE 75W-85 | Premium Performance Gear Oil for gearboxes in commercial vehicles, specially for the latest version of Mercedes-Benz CO ₂ transmissions, formulated with fully-synthetic base oils. Most fuel efficient by improving gearbox efficiency. Suitable for the longest oil change intervals. | API GL-4 | MB-APPROVAL 235.16 | – |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB) | | | |
| 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 |
|  | Tanker | | | |


TITAN

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|--|---|----------------|---|---|
| Axle Gear Oils and Manual Transmission Fluids for Commercial Vehicles | | | | |
| TITAN CYTRAC MAT SAE 75W-80 | Premium Performance Gear Oil for gear-boxes 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), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck | | | |
| TITAN CYTRAC HSY SAE 75W-90 | Premium Performance Gear Oil for commercial vehicle manual transmissions and axle drives formulated with fully-synthetic base oils. | API GL-4/GL-5 | EvoBus 26.000-032 EvoBus 26.000-037 ZF TE-ML 05A, 12L, 12N, 16F, 17B, 19C, 21A (ZF000642) | MAN 341 TYPE E3 MAN 341 TYPE Z2 MAN 342 TYPE M3 MAN M 3343 TYPE S JOHN DEERE JDM J11E JOHN DEERE JDM J11G SCANIA STO 1:0 ZF TE-ML 05B, 07, 21B |
|  | 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck | | | |





| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|---|----------------|---|-----------------------|
| Double Clutch Transmission Fluids (DCTF) | | | | |
| 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 (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB) | | | |





Transmission Fluids

| Product name | Description | Specifications | 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 (Bottle), 20 L (Canister) | | | |









| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|---|----------------|--------------------|---|
| Automatic Transmission Fluids (ATF) | | | | |
| TITAN ATF 8400 ULV | 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 (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (FB) | | | |
| 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 (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |



TITAN

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|--|--|-------------------------|--|---|
| Automatic Transmission Fluids (ATF) | | | | |
| TITAN ATF 6400  | 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 / 275 BMW 81 22 9 407 738 BMW 83 22 0 397 114 BMW 83 22 0 403 248 / 249 BMW 83 22 0 432 807 BMW 83 22 2 163 514 BMW 83 22 2 167 718 / 720 BMW 83 22 2 355 599 / 601 BMW 83 22 9 407 858 / 859 DEXRON HP 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 MB 236.41 MITSUBISHI ATF-J3 MITSUBISHI ATF-PA MITSUBISHI MA1 NISSAN MATIC S TOYOTA TYPE WS VW G 055 540 A2 |
|  | 12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN ATF 5668 | Premium Performance ATF especially developed for highly stressed ALLISON step automatic transmissions in commercial vehicles. Product dyeing: red. | – | ALLISON TES 668® MB-APPROVAL 236.91 MB-APPROVAL 236.92 | ALLISON TES 295 ALLISON TES 389 VOLVO 97340 VOLVO 97341 |
|  | 205 L (Drum) | | | |
| TITAN ATF 5500 | Premium Performance ATF for automatic transmission in motor vehicles. Outstanding base oil quality for optimal cold temperature properties and high ageing stability. Durable friction properties for excellent wet clutch performance. Product dyeing: none. | – | EvoBus 27.000-017 MAN 339 TYPE V1 MAN 339 TYPE V2 MAN 339 TYPE V3 MAN 339 TYPE Z3 MAN 339 TYPE Z12 MB-APPROVAL 236.9 VOITH 150.014524.xx VOLVO 97341 ZF TE-ML 04D, 14C, 16M, 16S, 20C, 25C (ZF001797) | DEXRON III (H) ALLISON TES 295 ALLISON TES 389 IVECO 18-1807 CLASSE AG3/I MAN 339 TYPE Z4 VOITH H55.6336.xx |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |

Transmission Fluids

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|--|--|----------------------|---|--|
| Automatic Transmission Fluids (ATF) | | | | |
| TITAN ATF 4400  | Ultra High Performance ATF based on the sustainable FUCHS Advanced Circular Technology (ACT) 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 (H) 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/TYP E 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-I/T-II/T-IV VW G 052 990/055 025 |
|  | 12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN ATF 4134  | Ultra High Performance ATF, specially developed to optimise shifting performance of Mercedes automatic transmissions. Product dyeing: red. | – | MB-APPROVAL 236.14 SSANGYONG (MB-automatic transmissions) | – |
|  | 12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| 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) DTFR 13C100 (MB 236.1) 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 9 407 858 BMW 83 22 9 407 859 CAT TO-2 FORD MERCON OPEL 19 40 707 OPEL 19 40 767 VOLVO 97340 VW TL 521 62 (G 052 162) ZF TE-ML 02F, 03D, 09, 11B, 17C |
|  | 12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |



| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|---|----------------|-----------|--|
| Continuously Variable Transmission Fluids (CVTF) | | | | |
| TITAN CVTF FLEX  | Premium Performance CVTF based on the sustainable FUCHS Advanced Circular Technology (ACT) specially designed for use in many CVT-gearboxes 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/CVTF-HT/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 (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |



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.




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

ALONGSIDE LUBRICANTS THAT CAN ONLY BE USED FOR A CERTAIN COMPONENT THERE ARE ALSO THE ALL-ROUNDERS: THE STOU AND UTTO PRODUCTS .

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.

FUCHS IS A REAL PIONEER IN THESE UTTO AND STOU LUBRICANTS AND OFFERS A COMPREHENSIVE PRODUCT RANGE.





Multifunctional Oils

UTTO Oils for Construction Machinery




34-35

Multifunctional Oils



| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|---|------------------------------|---|--|
| UTTO Oils for Construction Machinery | | | | |
| TITAN UTTO PRO 102 | 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 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: OW-20 |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN UTTO WB | Ultra High Performance Multifunctional Oil (UTTO/MFO) for use in transmission and hydraulic systems with integrated wet brakes, clutches and differentials for construction and agricultural machinery. | – | VOLVO WB 101 ZF-TE ML 03E, 03F, 05F, 06K (ZF004829) | AGCO Q-1826 (Whitefarm), Powerfluid 821 XL ALLISON C-4 API GL-4 CASE MS 1210, 1209, 1207, 1206, 1205, 1204 CATERPILLAR TO-2 CNH MAT 3505, 3506, 3525 FNHA-2-C-201.00 FORD ESN M2C41-B, M2C53-B, M2C92-A, M2C134-D JOHN DEERE JDM J20C JOHN DEERE JDM J20D KUBOTA UDT FLUID MASSEY FERGUSON CMS M 1145, 1143, 1141, 1135 SAE J300: 10W-30 ZF TE-ML 03L |
|  | 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |

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 |
| | 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| 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 |
| | 20 L (Canister), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| 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 |
| | 20 L (Canister), 205 L (Drum) | | | |



SERVICE PRODUCTS

The FUCHS range of workshop and service products is a comprehensive portfolio of coolants, brake fluids and fuel additives. These offer your vehicle optimum protection at all times – particularly in winter.









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









Service Products

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Service Products

| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|--|--|--|--|---|
| Antifreezes | | | | |
| TITAN FRICOFIN DP  NEW | 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 UNE 26-361-88 | CUMMINS CES 14603 DETROIT DIESEL 93K217 DEUTZ DQC CC-14 DTFR 29C120 (MB 325.5) MAN 324 TYPE Si-OAT MB-APPROVAL 325.6 MTU MTL 5048 VW TL 774-G (G12++) VOITH (172.00225040 – Type Si-OAT) | ASTM D 6210 TYPE I IVECO 18-1830 LIEBHERR LH-01-COL3A PN-C 40007:2000 SCANIA TB 1451 VW TL 774-J (G13) |
|  | 12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB) | | | |
| TITAN FRICOFIN DP 50  NEW | Premium Performance Coolant Ready-Mix based on monoethylene glycol. Free of nitrites, amines and phosphates with Si-OAT-technology. Offers frost protection down to -40 °C. Product dyeing: pink-violet. | AFNOR NF R 15-601 TYPE 3 ASTM D 3306 TYPE III ASTM D 4985 BS 6580:2010 SAE J814 CUMMINS CES 14603 UNE 26-361-88 | DETROIT DIESEL 93K217 DEUTZ DQC CC-14 DTFR 29D120 (MB 326.5) MAN 324 TYPE Si-OAT MB-APPROVAL 326.6 MTU MTL 5048 VW TL 774-G (G12++) VOITH (172.00225040 – Type Si-OAT) | ASTM D 6210 TYPE III IVECO 18-1830 SCANIA TB 1451 VW TL 774-J (G13) |
|  | 205 L (Drum), 1.000 L (FB) | | | |
| TITAN FRICOFIN JF | Antifreeze Concentrate based on Monoethylene Glycol | - | - | • ASTM D 3306 • BS 6580 • SANS 1251:2005 |
|  | 12 x 1 L (Bottle), 3 x 5 L (Bottle), 210 L (Drum) | | | |
| TITAN FRICOFIN JF 50 | Ready to use Monoethylene Glycol based antifreeze. | - | - | - |
|  | 12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 210 L (Drum) | | | |
| Brake Fluids | | | | |
| TITAN DOT 3 | | | - | |
|  | 50 x 200 ML (Bottle), 20 x 500 ML (Bottle), 3 x 5 L (Bottle) | | | |
| TITAN DOT 4 | Super High Performance Brake Fluid | FMVSS NR. 116 DOT 4 SAE J1703/J1704 | - | FORD M6C62-A,FORD M6C9103-A NH 800A OPEL 19 42 421 |
|  | 20 x 500 ML (Bottle), 3 x 5 L (Bottle) | | | |

TITAN

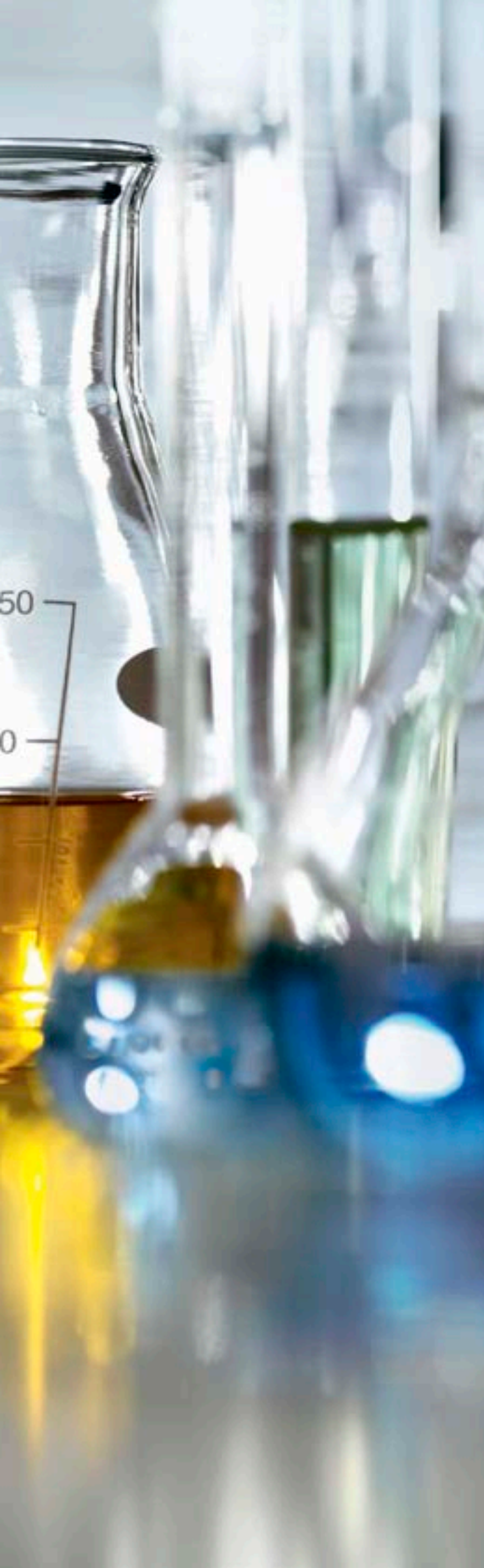
| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|---|---|-----------|---|
| Brake Fluids | | | | |
| TITAN DOT 4 HT NEW | Premium Performance Brake Fluid for hydraulic brake systems and clutch actuation in passenger cars, trucks and motorcycles. | FMVSS NR. 116 DOT 3/4 ISO 4925 CLASS 3/4 JIS K2233 CLASS 3/4 SAE J1703/J1704 | – | FORD M6C62-A FORD M6C9103-A NH 800A OPEL 19 42 421 VW TL 766-X |
|  | 6 x 1 L (Tin), 3 x 5 L (Canister), 205 L (Drum) | | | |
| TITAN DOT 514 LV BluEV TECHNOLOGY NEW | Premium Performance Brake Fluid for hydraulic brake systems and clutch actuation in passenger cars, trucks and motorcycles. | FMVSS NR. 116 DOT 3/4/5.1 ISO 4925 CLASS 3/4/5-1/6/7 JIS K2233 CLASS 3/4/5/6 SAE J 1703/1704 | – | BMW QV 34001 FORD M6C65-A2 FORD M6C62-A FORD M6C9103-A GM Europa GMW 3356 MB 331.0 PSA 571 2114 RENAULT 41-02-001/-H VW TL 766-X, 766-Y, 766-Z |
|  | 6 x 1 L (Tin), 60 L (Drum), 205 L (Drum) | | | |
| Fuel Additive | | | | |
| TITAN VALVE EASE | MAINTAIN VALVE EASE is a fuel additive, containing special additives to clean gum and sludge from valves, pistons, rings, and carburetors. Also incorporated are electrically pulverised colloidal graphite to lubricate hot spots, valve stems, piston rings and walls | | - | - |
|  | 5 x 200 ML (Bottle) | | | |
| Exhaust Emission Reduction Agent | | | | |
| TITAN ADBLUE | According to its chemical composition AdBlue® is a 32.5% high purity Urea solution with a constant level of quality, as per the ISO 22241 and DIN 70070. | DIN V 70070 ISO 22241-1 AUS32 CEFIC | - | - |
|  | 20 L (Canister), 210 L (Drum), 1.000 L (FB) | | | |
| Cleaners and Degreasers | | | | |
| RENOCLEAN HAND GRIT CLEANER | Hand Washing Paste containing emollients, lanolin and emulsifiers. | | | |
|  | 500 g (Tub), 4 x 5 kg (Bucket), 25 kg (Bucket) | | | |
| Renoclean Bio HD | A solvent free, readily biodegradable, environmentally friendly water based heavy duty cleaner concentration. | | | Light cleaning - Bio Clean 5%: Water 95%. Medium cleaning - Bio Clean 10%: Water 90%. Medium High cleaning - Bio Clean 15%: Water 85%. Heavy grime and grease cleaning - Bio clean 35% to 100%: Balance water. |
|  | 20 L (Canister), 210 L (Drum), 1.000 L (FB) | | | |

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 | 43 |
| Dedicated Hybrid Transmission Fluid (DHTF), Electric Driveline Fluid (EDF), Dielectric Thermal Fluid (TF) | 44 |
| Hydraulic and Industrial Gear Oils | 45 |
| Lubricants for Noise Reduction | 45 |
| Greases | 46-49 |
| Corrosion Preventives | 49 |



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 DTR 31B120 (MB 345.0) 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), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN 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 CNH MAT 3630 NH 610A SDFG OF1611S |
|  | 6 x 1 L (Tin), 205 L (Drum), 1.000 L (FB), Tanker | | | |
| TITAN PSF | High Performance Power Steering Fluid approved by Mercedes-Benz for passenger cars and commercial vehicles. Product dyeing: none. | – | DTR 38B100 (MB 236.3) MB-APPROVAL 236.3 | – |
|  | 6 x 1 L (Tin), 205 L (Drum), 1.000 L (FB), Tanker | | | |

Specialties

FUCHS BluEV*






| Product name | Description | Specifications | Approvals | FUCHS Recommendations |
|---|---|----------------|------------|-----------------------|
| Dedicated Hybrid Transmission Fluid (DHTF) | | | | |
| FUCHS BluEV DHTF 9 | Premium Performance Dedicated Hybrid Transmission Fluid specially developed for Hofer hybrid wet dual clutch transmissions as installed in McLaren hyper sports cars. | – | – | McLaren 8ESSG |
|  | 20 L (Canister) | | | |
| Electric Driveline Fluid (EDF) | | | | |
| FUCHS BluEV EDF 7005 | Premium Performance Electric Driveline Fluid based on the sustainable FUCHS Advanced Circular Technology (ACT) for direct cooled E-motors. Provides heavily increased efficiency compared to current market products. | – | – | TESLA EDF-2 |
|  | | | | |
|  | 12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum) | | | |
| FUCHS BluEV EDF 6535 | Premium Performance Electric Driveline Fluid for E-axes with dry E-motor. Provides high efficiency potential for increased driving range and additionally lowering CO ₂ footprint. | – | – | – |
|  | 20 L (Canister) | | | |
| FUCHS BluEV EDF 5930 | Premium Performance Gear Oil specifically for use in hybridized drive trains in commercial vehicles. Developed for the longest oil drain intervals. | – | MAN M 3703 | – |
|  | 20 L (Canister) | | | |
| Dielectric Thermal Fluid (TF) | | | | |
| FUCHS BluEV TF 9262 | Premium Performance Dielectric Thermal Fluid (TF) for direct battery cooling. | – | – | – |
|  | | | | |
|  | 20 L (Canister), 205 L (Drum) | | | |

*Import, available on request

RENOLIN















| Product name | Description | Density at 15 °C kg/m ³ | Flash point Clev. °C | Kin. visc. at 40 °C mm ² /s | Kin. visc. at 100 °C mm ² /s | VI | Pour-point °C | Main application area |
|---|---|---------------------------------------|-------------------------|---|--|-----|------------------|--|
| Hydraulic and Industrial Gear Oils | | | | | | | | |
| RENOLIN Xtreme Temp 46  | Universal, high-performance hydraulic oil with high viscosity index and excellent shear stability (VI ≥ 180). Based on special hydrogenated base oils, very good ageing behaviour, long lifetime, excellent corrosion protection and very good zinc-containing wear protection for high pressure - good demulsifying properties. Fulfils and surpasses: DIN 51524-3: HVLP ISO 6743-4: HV ISO 11158: HV | 853 | 230 | 48 | 9.3 | 180 | -42 | Universal high-performance multi-grade hydraulic oil for stationary and mobile hydraulic systems, improved efficiency, increasing oil change intervals. Multigrade characteristics through high, shear-stable viscosity index. Energy and fuel saving through high volumetric efficiency. Approvals: Denison HF0, HF1, HF2 Bosch Rexroth RD90235 and RDE90245 |
| RENOLIN UNISYN XT 320  | Fully-synthetic industrial gear oils based on new, innovative polyalphaolefins with very high, natural, shear stable viscosity index and excellent low temperature behaviour. Excellent wear protection, high micropitting resistance and very good corrosion protection. RENOLIN UNISYN XT oils exceed the requirements on industrial gear oils CLP-HC acc. to DIN 51517-3, ISO 6743-6, ISO 12925-1: CKC, CKD, CKE, CKSMP and AGMA 9005/E02: EP. | 860 | 242 | 320 | 40.2 | 179 | -42 | Suitable for the lubrication of gears and bearings. For the use in applications with high requirements on wide temperature range. Extremely low viscosity at low temperatures. ISO VG 220 and 320 for wind turbine applications. Approved by leading gear box manufacturers. Based on mPAO |




















| Product name | Description | Density at 20 °C kg/m ³ | Flash point Clev. °C | Kin. visc. at 40 °C mm ² /s | Kin. visc. at 100 °C mm ² /s | VI | Pour-point °C | Main application area |
|---|---|---------------------------------------|-------------------------|---|--|-----|------------------|--|
| Lubricants for Noise Reduction | | | | | | | | |
| CARBAFLO XTR 5F Packages on request | Perfluorinated high-performance lubricating fluid including UV-tracer | 1900 | – | 174 | 34 | 242 | -63 | After the evaporation of the carrier liquid a thin, anti-squeak-effective film remains which can be detected on any surface by a UV lamp. Used to avoid squeaking noise in the vehicle interior and for sealing systems. Operating temperature: -40 to +220 °C |
| CARBAFLO XTR 5F SPRAY  (20 x 100 ml) | | 1900 | – | 174 | 34 | 242 | -42 | |

Greases








| Product name | Classification DIN 51502 ISO 6743-9 | Thickener Base oil | Solid lubri- cants | NLGI grade | Base oil viscosi- ty at 40 °C [mm ² /s] | Tem- per- ature range [°C] | Approvals, recommen- dations | Main application area |
|---|--|------------------------------------|--------------------------|---------------|--|--|------------------------------------|---|
| Assembly Pastes | | | | | | | | |
| RENOLIT CHUCK PASTE | – | Li/Ca Mineral oil | • | 2-3 | 166 | -30 / +155 | – | Chucks for machine tools and as mounting aide for gears and electrical motors, etc., ejectors of plastic injection moulding machines (up to +100 °C), prevent corrosion and fretting corrosion. |
|   | 0.4 kg (Cartridge), 6 x 0.5 kg (Tin) | | | | | | | |
| PBC 1574 | – | Inorg. thickener Mineral oil | • | 2-3 | – | -20 / +160 +260 (short term) +1200 (dry lubrica- tion) | – | PBC 1574 is used for the prevention of seizures on screw threads, linkages, pivots, flanges and mating surfaces subject to high temperatures, fretting corrosion, salt water and aggressive environmental media. The product is used to lubricate brake callipers and prevent corrosion of disc brakes. PBC 1574 is not electrically conductive and does not affect the sensors of ABS systems. |
|      | 100 x 5.5 g (Pillow), 10 x 0.1 kg (Tube), 12 x 0.225 kg (Tin), 0.4 kg (Cartridge), 6 x 1 kg (Tin), 5 kg (Bucket), 18 kg (Bucket) | | | | | | | |
| Greases – Automotive Applications | | | | | | | | |
| RENOLIT CXI 2 | – | CaSX Mineral oil | – | 2 | 400 | -20 / +160 | – | Lubrication of high loaded, low speed plain and roller bearings and can be applied when the grease has to meet high demands on corrosion protection and working stability. Typical applications are plain and roller bearings in steel mills, paper industry, mining, concrete industry, quarries and construction equipment. |
|      | 0.4 kg (Cartridge), 0.5 kg (Cartridge), 18 kg (Bucket), 50 kg (Hobcock), 180 kg (Drum) | | | | | | | |

RENOLIT

| Product name | Classification DIN 51502 ISO 6743-9 | Thickener Base oil | Solid lubri- cants | NLGI grade | Base oil viscosi- ty at 40 °C [mm ² /s] | Tem- pera- ture range [°C] | Approvals, recommenda- tions | Main application area |
|---|--|------------------------|--------------------------|---------------|--|--|---|---|
| Greases – Automotive Applications | | | | | | | | |
| RENOLIT FLM 2 | KPF2N-30 ISO-L- XC(F)DEB 2 | Lithium Mineral oil | – | 2 | 100 | -30 / +140 | MAN 285 LI-PF 2 | For mechanically loaded lubricating points, grease with MoS ₂ , agricultural machines, commercial vehicles, construction industry, quarries and mining, rubber and concrete factory. |
|     | 0.4 kg (Cartridge), 0.5 kg (Cartridge), 18 kg (Bucket), 50 kg (Hobcock), 180 kg (Drum), BULK | | | | | | | |
| RENOLIT LZR 000 | GP00- 000G-40 | Li/Ca Mineral oil | – | 00-000 | 43 | -40 / +110 | MB Approval 264.0 MAN 283 LI-P 00/000 | Semi-fluid grease for central lubricating systems of commercial vehicles. |
|    | 3 x 5 kg (Bucket), 18 kg (Bucket), 50 kg (Hobcock), 180 kg (Drum) | | | | | | | |
| 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. |
|     | 0.4 kg (Cartridge), 0.5 kg (Cartridge), 18 kg (Bucket), 50 kg (Hobcock), 180 kg (Drum) | | | | | | | |
| RENOLIT L- L-LX 220 EP 2 | – | lithium complex | – | 2 | | -30 / +160 | | Electric motor high speed bearings of all sizes, its shear stability and high drop point ensures leakage free performance. Plain and roller bearings. Various types of gears, plain and roller bearings in the automotive sector. |
|     | 0.4 kg (Cartridge), 18 kg (Bucket), 50 kg (Hobcock), 180 kg (Drum) | | | | | | | |
| RENOLIT M2 EP | – | lithium | – | 2 | 228 | -15 / +120 | SKF R2F Test Condition A, SKF AF Test, Timken Speci- fication 2891 | High Performance Multi-Purpose Greas |
|     | 0.4 kg (Cartridge), 0.5 kg (Tub), 5 kg (Bucket), 50 kg (MET), 180 kg (MET) | | | | | | | |

FUCHS Special Applications

Greases

| Product name | Classification DIN 51502 ISO 6743-9 | Thickener Base oil | Solid lubri- cants | NLGI grade | Base oil viscosity at 40 °C [mm ² /s] | Tem- pera- ture range [°C] | Approvals, re- commendations | Main application area |
|---|--|---------------------------|--------------------------|---------------|--|--|---|--|
| Greases – Automotive Applications | | | | | | | | |
| RENOLIT SUPER LUPLEX M2 | – | Special Lithium Thickener | – | 2 | 225 | -20 / +150 | – | Wheel bearings Chassis grease High speed fans Pump and Electric motors bearings and more. |
|  | 0.5 kg (Tub), 5 kg (Bucket), 15 kg (MET), 18 kg (Bucket), 50 kg (MET), 180 kg (MET) | | | | | | | |
| RENOLIT MP | KP2K-40 ISO-L- XD(F)CEB 2 | Lithium Mineral oil | – | 2 | 35 | -40 / +120 | DBL 6804.00 MB Approval 267.0 | Multipurpose grease for lubricating points in passenger cars, commercial vehicles, engines, where constant temperature does not exceed 100 °C, sliding speeds are very low and which are not exposed to high mechanical loads. |
|  | 30 x 0.25 kg (Tube), 0.4 kg (Cartridge), 3 x 5 kg (Bucket), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum) | | | | | | | |
| RENOLIT MP PLUS | KP2K-30 ISO-L- XC(F)CEB 2 | Lithium Mineral oil | – | 2 | 100 | -30 / +120 | – | High quality EP multipurpose grease with high adhesiveness for the lubrication of plain and roller bearings. Only available in SR cartridges. |
|  | 0.5 kg (Cartridge) | | | | | | | |
| RENOLIT MP 735 | KP2K-40 ISO-L- XD(F)CEB 2 | Lithium Mineral oil | – | 2 | 105 | -40 / +120 | VW TL 735 MAN 283 Li-P 2 Stabilus 100 15883 | Multipurpose grease, roller and plain bearings in the chassis area |
|  | 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum) | | | | | | | |
| RENOLIT MP 735 X | | | | | | | | |
|  | 50 kg (MET) | | | | | | | |

RENOLIT

| Product name | Classification DIN 51502 ISO 6743-9 | Thickener Base oil | Solid lubri- cants | NLGI grade | Base oil viscosity at 40 °C [mm ² /s] | Tem- pera- ture range [°C] | Approvals, recommenda- tions | Main application area |
|--------------|---|-----------------------|--------------------------|---------------|--|--|------------------------------------|-----------------------|
|--------------|---|-----------------------|--------------------------|---------------|--|--|------------------------------------|-----------------------|

Greases – Automotive Applications

| | | | | | | | | |
|-----------------------------|---|-------------------------------|---|-----|-----|---------------|--|--|
| RENOLIT LX-OTP 2 | – | Li-X Polyglycol | – | 1-2 | 360 | -40 / +160 | MAN | Lubrication of MAN knuckle pins. |
| RENOLIT JP 1619 | – | Lithium Synth. base oil | – | 1 | 25 | -50 / +120 | DBL 6804.70 VW TL 52 168 Dana Spicer Bosch MAN | EP-grease with additive for im- prove corrosion protection, ageing resistance and adhesiveness, lubri- cation of friction points requiring very good sliding behaviour, low start-up resistance, also at low temperature, e.g. rack and pinion steerings, prop shafts, high-speed bearings |

i 0.4 kg (Cartridge)

☐ **☑** 10 x 1 kg (Can), 18 kg (Bucket), further packages on request



| Product name | Description | Kin. visc. at 40 °C [mm ² /s] DIN 51562 | Density at 15 °C [KG/m ³] | Con- sump- tion [l/m ²] | Film weight [g/m ²] | Shed storage [Mon.] | Hall storage [Mon.] |
|--------------|-------------|--|--|--|---------------------------------------|---------------------------|---------------------------|
|--------------|-------------|--|--|--|---------------------------------------|---------------------------|---------------------------|

Corrosion Preventives – Spraying Cans

| | | | | | | | |
|--------------------------------|--|----|-----|---|----|------|-------|
| ANTICORIT RP 4107 S | Thixotropic corrosion protection oil, meets VDA 230-213 | 35 | 887 | – | 11 | 6-12 | 12-20 |
|--------------------------------|--|----|-----|---|----|------|-------|

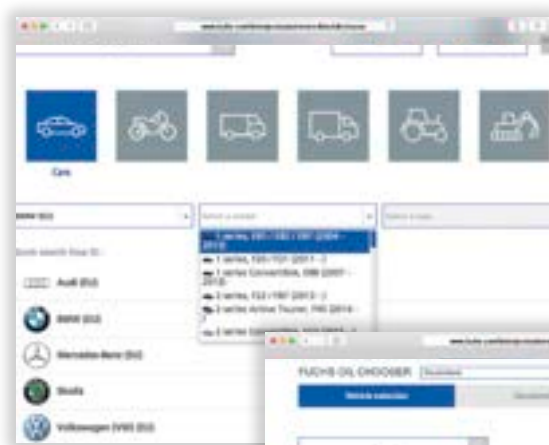
i 12 x 400 ml

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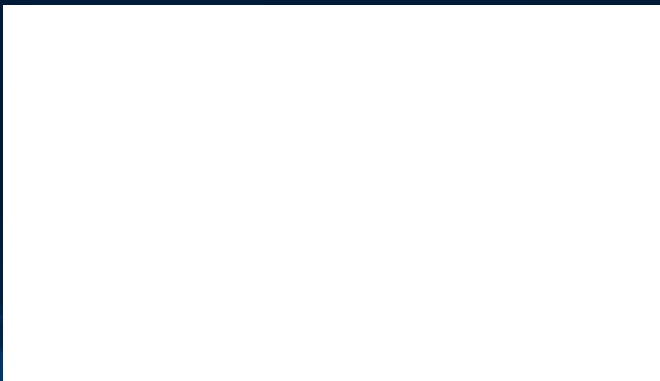


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Every lubricant change should be preceded by expert consultation on the application in question. Only then the best lubricant system can be selected. Experienced FUCHS employees will be glad to advise on products for the application in question and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

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