



# Retail and Workshop Brochure



# At a glance



# **EASY TO CHOOSE. EASY TO USE. EASY ON THE ENVIRONMENT.**

The new FUCHS small packs.





500ml & 1-Liter pack

TITAN Engine oil Axle Gear Oils and Manual Transmission Fluids Double Clutch Transmission Fluids



#### MAINTAIN

Antifreezes



#### **AGRIFARM**

Lubricants for agricultural machinery



#### Silkolene

Superior Motorcycle Oils and Maintenance Products



# **Our promise:**

# 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 samll pack and the label, based on stateof-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 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<sub>2</sub>-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!

#### **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-liter packs), two handles (5-liter packs)
- New tamper-resistant screw cap

# EASY ON THE ENVIRONMENT



- Recycled and recyclable packaging
- Improved residual emptying
- CO<sub>3</sub>-neutral production

# FUCHS Oil Chooser www.fuchs.com/za

Find the right oil for your vehicle.



It's so simple: at www.fuchs.com/za just go to the button "Oil Chooser". Then select the type of vehicle and hereupon make and model.





# LUBRICANTS. TECHNOLOGY. PEOPLE.

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

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

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



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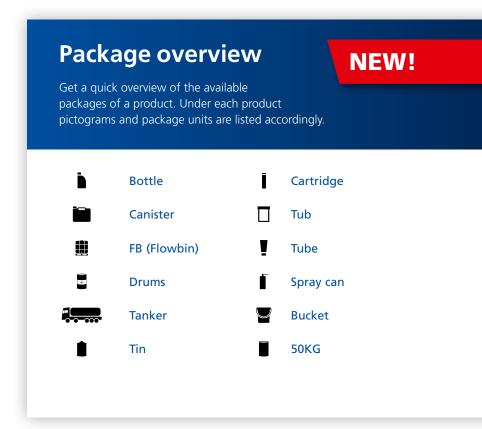
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**Specialties** 

Central hydraulic / power steering fluids, rapidly biodegradable lubricants, multigrade hydraulic oils, hydraulic and industrial gear oils, refrigeration oils, greases, cleaner, assembly aids, corrosion preventives



#### 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.









#### **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.

#### **Transmission Fluids**

To ensure smooth running throughout their entire service life, modern car transmissions need state-of-theart, 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 longstanding 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** 









#### **Motorcycle Lubricants**

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.

#### Silkolene

#### **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**





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#### **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



Rapidly biodegradable protecting endangered habitats



CO, reductions optimizing our customer's carbon balance



Food grade enables industrial food processing





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





Product name	Description	Specifications	Approvals	FUCHS Recommendations		
Engine Oils for Passenger Cars						
*TITAN GT1 FLEX 5 SAE 0W-20 XTL° TECHNOLOGY	Premium Performance Engine Oil with new XTL®-Technology in path-breaking viscosity class. Specially designed for highly stressed downsized engines with maximum power output, for extreme fuel-economy characteristics and reduced CO <sub>2</sub> emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves.	ACEA C5/C6 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 OV 040 1547	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 RBSO-2AE		
i i i i i i i i i i i i i i i i i i i	12 x 1 L, 3 x 5 L, 20 L, 60 L, 205 L, 1.000 L,	Tank Truck				
*TITAN GT1 FLEX 952 SAE 0W-20	Premium Performance Engine Oil specially designed for modern FORD vehicles, for extreme fuel-economy characteristics and reduced $\mathrm{CO}_2$ emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves.	ACEA C5/C6 API SN PLUS API SP FORD WSS- M2C952-A1	JAGUAR LAND ROVER STJLR.03.5006 MB-APPROVAL 229.71 OPEL OV0401547	FORD WSS-M2C947-A FORD WSS-M2C947-B1 FORD WSS-M2C962-A1 ILSAC GF-5		
	20 L, 205 L					
*TITAN GT1 PRO V SAE 0W-20 XTL° TECHNOLOGY	Premium Performance Engine Oil with new XTL®-Technology in ground-breaking viscosity class. Specially designed for modern VOLVO vehicles, for extreme fuel-economy characteristics and reduced CO <sub>2</sub> emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves.	-	VOLVO VCC RBS0-2AE	ACEA A1/B1		
103	12 x 1 L, 20 L, 205 L					

Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Engine Oils	for Passenger	Cars	
*TITAN GT1 LONGLIFE IV SAE 0W-20	Premium Performance Engine Oil in ground- breaking viscosity class. Specially designed for modern VW vehicles, for extreme fuel-economy characteristics and reduced CO <sub>2</sub> emissions. Excellent cold starting behaviour, very fast oil cir- culation and outstanding performance reserves.	ACEA C5	PORSCHE C20 VW 508 00/509 00	-
l 🖿 🕽 🎚 🚐	12 x 1 L, 3 x 5 L			
*TITAN GT1 LL-12 FE SAE 0W-30	Premium Performance Engine Oil with new XTL®-Technology. Specially developed for latest BMW gasoline and diesel vehicles with exhaust after treatment. Excellent cold starting, lower oil consumption and outstanding performance reserves.	ACEA C2	BMW LONGLIFE-12 FE	Jaguar Land Rover Stjlr.03.5007
<b>.</b> : # ###	12 x 1 L, 3 x 5 L, 205 L, 1.000 L, Tank Truck			
*TITAN GT1 PRO 2312 SAE 0W-30	Premium Performance, fuel-economy engine oil for modern passenger cars and light commercial vehicles. Specially developed for latest PSA gasoline and diesel vehicles with exhaust after treatment and turbocharger. Excellent cold starting, lower oil consumption and minimized exhaust emissions.	ACEA C2	PSA B71 2312	CHRYSLER MS-13340 CHRYSLER MS.90047 FIAT 9.55535-DS1/GS1 IVECO 18-1811 CLASSE SC1 LV
i in 5    🚐	12 x 1 L, 3 x 5 L, 20 L, 60 L, 205 L, 1.000 L, Tank	Truck		
TITAN GT1 FLEX 23 SAE 5W-30	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.	ACEA C2/C3 API SN	MB-APPROVAL 229.31 MB-APPROVAL 229.51 MB-APPROVAL 229.52 OPEL OV0401547 (Diesel only) VW 505 00/505 01	CHRYSLER MS-11106 FIAT 9.55535-S1 / -S3 GM-LL-A-025 GM-LL-B-025 IVECO 18-1811 CLASSE SC1
	12 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L			
TITAN GT1 PRO C-3 SAE 5W-30 XTL° TECHNOLOGY	Premium Performance, extreme 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 BMW, VW and Mercedes-Benz vehicles with exhaust after treatment and turbocharger.	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
1 <b>in</b> 5	20 x 1 L, 3 x 5 L, 210 L, 1.000 L			
*TITAN LONGLIFE III SAE 0W-30	Premium Performance Engine Oil for modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for VW vehicles with exhaust after treatment and turbocharger. Excellent cold starting, lower oil consumption and minimized exhaust emissions.	ACEA C3	<b>PORSCHE C30</b> VW 504 00/507 00	-
1 in 3    :==	12 x 1 L, 3 x 5 L, 20 L, 60 L, 205 L, 1.000 L, Tank	Truck		



Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Engine Oils	for Passenger	Cars	
*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
<b>. ii : :::</b>	12 x 1 L, 3 x 5 L, 20 L, 60 L, 205 L, 1.000 L, Tank	Truck		
*TITAN SUPERSYN LONGLIFE PLUS SAE 0W-30	Ultra High Performance, extreme fuel-economy engine oil formulated with fully synthetic base oil for VW engines. Specially developed for VW Longlife Technology. For all passenger car gasoline and diesel engines with or without pump injector technology. Excellent cold starting and lower oil consumption.	-	VW 506 01	VW 503 00/506 00
<b>i ii</b>	12 x 1 L, 3 x 5 L, 20 L, 1.000 L			
TITAN SUPERSYN LONGLIFE SAE 0W-30	Ultra High Performance, extreme 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 SL	MB-APPROVAL 229.5	VW 502 00/505 00
	20 L			
*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 PORSCHE A40 VW 502 00/505 00	FORD WSS-M2C937-A
	12 x 1 L, 3 x 5 L, 20 L, 60 L, 205 L, Tank Truck			
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	-
i <b>m</b> 5	20 x 1 L, 3 x 5 L, 20 L, 210 L			
*TITAN SUPERSYN FE SAE 0W-30	Ultra High Performance, fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Excellent cold starting properties and low oil consumption.	ACEA A5/B5	VOLVO VCC 95200377	RENAULT RN0700
i i i i i	12 x 1 L, 3 x 5 L, 20 L, 60 L, 205 L, Tank Truck			
*TITAN SUPERSYN F ECO- FE SAE 0W-30	Ultra High Performance, extreme fuel-economy engine oil especially developed for modern Ford Diesel engines. Excellent cold starting and lower oil consumption.	ACEA C2 FORD WSS- M2C950-A	Jaguar Land Rover Stjlr.03.5007	-
i in 3 ame	12 x 1 L, 3 x 5 L, 20 L, 60 L, 205 L, Tank Truck			

Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Engine Oils fo	r Passenger Car	S	
*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-/ FORD WSS-M2C925-I FORD WSS-M2C945-/ ILSAC GF-5
i in s 🚛	12 x 1 L, 3 x 5 L, 20 L, 60 L, 205 L, Tank Truck			
TITAN SUPERSYN F ECO- DT SAE 5W-30	Ultra High Performance, extreme fuel-economy engine oil especially suitable for Ford Dura-Torq-Diesel engines. Optimum cold starting and lower oil consumption.	ACEA A5/B5 API SL FORD WSS- M2C913-C FORD WSS- M2C913-D		ACEA A1/B1 API CF CHRYSLER MS 6395 FORD WSS-M2C913- IVECO 18-1811 CLASS S1/S2 JAGUAR M2C913-B JAGUAR LAND ROVE STJLR.03.5003 RENAULT RN0700
1 in 3 ii	20 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L			
*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 minimised exhaust emissions.	API SN PLUS RC API SP RC ILSAC GF-6A	dexos1™ Gen 2 (D135BBBB075)	CHRYSLER MS 6395 CHRYSLER MS-1214! FIAT 9.55535-CR1 FIAT 9.55535-GSX FORD WSS-M2C947-FORD WSS-M2C947-FORD WSS-M2C947-EFORD WSS-M2C947-EFORD WSS-M2C962-A1
i e 🚐	12 x 1 L, 3 x 5 L, 205 L, Tank Truck			
*TITAN SUPERSYN SAE 5W-30	Ultra High Performance, extreme 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 SL	MB-APPROVAL 229.3 VW 502 00/505 00	API CF BMW LONGLIFE-98 GM-LL-A-025 GM-LL-B-025 RENAULT RN0700/ RN0710
i <b>m</b> 3	12 x 1 L, 4 x 4 L, 3 x 5 L, 20 L, 205 L			
*TITAN SUPERSYN 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/SM	MB-APPROVAL 229.3 RENAULT RN0700/RN0710 VW 502 00/505 00	API CF BMW LONGLIFE-98 CHRYSLER MS-1299 <sup>c</sup> FIAT 9.55535-H2/M2 N2/Z2 GM-LL-A-025 GM-LL-B-025
	12 x 1 L, 4 x 4 L, 3 x 5 L, 20 L, 60 L, 205 L, Tank Ti	ruck		
*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
1 in 3	12 x 1 L, 20 L, 60 L, 205 L			



Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Engine Oi	ls for Passenger C	ars	
TITAN SYN MC SAE 10W-40	Ultra High Performance, fuel-economy engine oil based on MC-synthesis for a variety of gasoline and diesel engines in passenger cars. Lower oil consumption.	ACEA A3/B4 API SN	MB-APPROVAL 229.3 RENAULT RN0700/RN0710 VW 501 01/505 00	API CF FIAT 9.55535-D2/G2 MB 229.1 PSA B71 2300
l <b>d</b> 3 #	12 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L			
TITAN FORMULA SAE 15W-40	High Performance Engine Oil specially for all normally aspirated and turbocharged gasoline and diesel engines in passenger cars operated under normal conditions.	ACEA A3/B3 API SL	-	API CG-4 FIAT 9.55535-D2/G2 MB 229.1 PSA B71 2295 VW 501 01/505 00
<b>h</b>	20 x 500 ML, 12 x 1 L, 3 x 5 L			
TITAN FORMULA SL SAE 20W-50	Multigrade engine oil, formulated from selected base oils in combination with fit for purpose additives to suit a variety of applications.	-	-	API SL / CF-4
•	20 x 500 ML, 3 x 5 L			



#### SmartLevel: Higher Security of Supply and Less Effort

We offer a simple and reliable solution to our customers in the field of tank level monitoring of automotive lubricants such as engine oils, gear oils and service fluids from FUCHS.



Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Engine Oils	for Commercial	Vehicles	
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	CUMMINS CES 20077/8 DETROIT DIESEL 93K215 DEUTZ DQC III-18 MACK EO-N MAN M 3277 MB-APPROVAL 228.5 MTU DDC TYPE 3 RENAULT RLD-2 SCANIA LDF-2 VOLVO VDS-3	IVECO 18-1804 SDFG OM-1901A
	3 x 5 L, 20 L, 210 L, 1.000 L, 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
le : # 🚐	3 x 5 L, 20 L, 210 L, 1.000 L, 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
i d I 🛚 🚐	12 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L, Tank	Truck		
TITAN FORMULA SG SAE 40	TITAN FORMULA SG 40, is specifically suitable for applications where a monograde lubricant is recommended and in motors that may react unfavourably to modern, multigrade engine oils.	-	-	API SG/CD/CF
b.	3 x 5 L			

### **TITAN**



Product name	Description	Specifications	Approvals	FUCHS Recommendations
	2-Stroke	Engine Oils		
TITAN 2T 100S	Premium Performance two-stroke engine oil for Autolube and Premix systems formulated with fully synthetic base oils. Product dyeing: blue.	API TC JASO FD ISO L-EGD	-	TISI
•	12 x 1 L, 20 x 1 L			
TITAN 2T TC	TITAN 2T TC is a specially formulated, self-mixing 2- stroke engine oil designed to meet the demands of modern two-stroke engines.	API TC	-	-
<b>i ii</b>	50 x 200 ML, 20 x 500 ML, 3 x 5 L			
TITAN 2T PLUS	High Performance Semi-Synthetic two-stroke engine oil for modern engines.	-	-	-
<b>h</b>	12 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L			





Transmission Fluids	
Axle Gear Oils and Manual Transmission Fluids for Passenger Cars	20-21
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Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Axle Gear Oils and Man	ual Transmissio	n Fluids for Passenge	er Cars
TITAN SINTOFLUID FE SAE 75W	Premium Performance Manual Transmission 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-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)
<b>ì</b>	12 x 1 L, 20 x 1 L			
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 40 768 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)
<b>h</b>	12 x 1 L, 20 x 1 L			
*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)
<b>h</b>	12 x 1 L			
*TITAN SINTOPOID 4218 SAE 70W-80	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	BMW G3 (BMW 83 22 2 413 512) BMW 83 22 2 460 180 BMW 83 22 2 471 423	-
<b>h</b>	12 x 1 L			
*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)
<b>b</b>	12 x 1 L			
*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
<b>L</b>	12 x 1 L			



Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Axle Gear Oils and Manual	Transmission Flo	uids for Passenger Cars	
TITAN SUPERGEAR MT-1 SAE 75W-90	TITAN SUPERGEAR MT-1 SAE 75W-90 is a heavyduty gear lubricant formulated to offer increased protection for gearboxes, differentials and certain final drives of vehicles operating under severe conditions.	API GL-4/GL-5	-	API MT-1
•	12 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L			
*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
h E	12 x 1 L, 60 L, 205 L			
Ax	de Gear Oils and Manual Transmission	Fluids for Passe	enger Cars and Commerc	ial 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	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)	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
ia S	20 L, 210 L			
TITAN SUPERGEAR MC SAE 80W-140	Ultra High Performance Gear Oil based on MC-Synthesis for extended oil change intervals.	API GL-4/GL-5	SCANIA STO 1:0 ZF TE-ML 05A, 12M, 16C, 21A (ZF006028)	JOHN DEERE JDM J11E OPEL 19 42 386 RENAULT VI VOLVO 97310 ZF TE-ML 08
	20 L, 210 L			
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
<b>i</b>	20 x 500 ML, 12 x 1 L, 3 x 5 L			
TITAN SUPERGEAR SAE 85W-140	Ultra High Performance Gear Oil for extended oil change intervals.	API GL-4/GL-5	<b>EvoBus 26.000-025</b> ZF TE-ML 05A, 12E, 16D, 21A (ZF000650)	MIL-L-2105 D VOLVO 97310
i m 3	20 x 1 L, 3 x 5 L, 20 L, 210 L			
TITAN GEAR LS SAE 90	High Performance LS (Limited Slip) hypoid gear oil for axles with or without limited slip differentials.	API GL-5 SAE J306: 85W-90	ZF TE-ML 05C, 16E, 21C (ZF000651)	ZF TE-ML 12C MIL-L-2105 D FORD M2C104-A JOHN DEERE JDM J11F NH 520B VOLVO 97310

Product name	Description	Specifications	Approvals	FUCHS Recommendations
<b>A</b>	Axle Gear Oils and Manual Transmission	Fluids for Passe	enger Cars and Commerc	ial 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, 210 L			
*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, 20 L, 205 L, 1.000 L			
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
<b>e</b> : <b>1</b>	20 L, 210 L, 1.000 L			
TITAN GEAR OIL SAE 90	Medium duty gear oil for synchronized and non-synchronized manual transmissions in commercial vehicles and passenger cars.	API GL-4	-	-
h <b>in</b> 3 ii	20 x 500 ML, 3 x 5 L, 20 L, 210 L, 1.000 L			



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.





Product name	Description	Specifica- tions	Approvals	FUCHS Recommendations
	Double Clutch Trans	mission Flu	ids (DCTF)	
*TITAN FFL-52529 XTL® TECHNOLOGY	Premium Performance DCTF with XTL®-Technology for ultimate friction stability and best fuel economy properties. Specially developed for the wet clutch of the DL382 (OCK) transmission of VW group.	-	VW TL 52 529-C (G 055 529)	-
	12 x 1 L, 20 L, 1.000 L			
*TITAN FFL-2	Premium Performance DCTF. Specially developed for VW Double Clutch Transmission with wet clutch. [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)	-
<b>h</b>	12 x 1 L			
*TITAN FFL-3	Premium Performance DCTF. Specially developed for ZF/Porsche Double Clutch Transmission with wet clutch. [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
<b>h</b>	12 x 1 L			
*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 2 148 673 FORD WSS-M2C936-A MCLaren: MP4-12C MITSUBISHI DIA QUEEN SSTF-1 PSA 9734 S2 VOLVO 1161838
h	12 x 1 L			
*TITAN FFL-7 A <b>NEW</b>	Premium Performance DCTF. Specially developed for the third generation Double Clutch Transmission of Magna GETRAG with wet clutch.	-	MB-APPROVAL 239.21	BMW 83 22 2 433 157 (DCTF 2) FORD WSS-M2C218-A1 (F-DC) RENAULT 77 11 785 243 (DW5)
	20 L			
*TITAN FFL-8	Premium Performance DCTF. Specially developed for ZF / Porsche Double Clutch Transmission with wet clutch. 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
i in	12 x 1 L, 20 L			
*TITAN FFL-10  XTL° TECHNOLOGY	Premium Performance DCTF with XTL®-Technology. Specially developed for Mercedes-Benz-8-speed Double Clutch Transmissions with wet clutch. 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	-
i 12	12 x 1 L, 20 L			
*TITAN FFL-RACING	Premium Performance DCTF. Specially developed for highly stressed double clutch transmissions.	-	-	NISSAN GT-R (R35)
	12 x 1 L, 20 L			

Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Automatic Transmi	ssion Fluids (ATF	;)	
*TITAN ATF 9134 FE <b>NEW</b>	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
le e	12 x 1 L, 20 L, 205 L, 1.000 L			
*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	-
<b>)</b>	12 x 1 L			
*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. 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 2 355 599 BMW 83 22 2 355 601 BMW 83 22 2 355 601 BMW 83 22 9 407 859 FIAT 9.55550-AV2 FIAT 9.55550-AV6 GM 9256039/88863400 HONDA DW-1 HYUNDAI SP-IV M HYUNDAI SP-IV RR HYUNDAI SP-IV R
	20 L, 205 L			
*TITAN ATF 6009	Premium Performance ATF, specially developed to optimize the shifting performance of latest generation ZF automatic transmissions.  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
<b>.</b>	12 x 1 L			

#### **TITAN**

Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Autor	matic Transmiss	ion Fluids (ATF)	
*TITAN ATF 6008	Premium Performance ATF, specially developed to optimize the shifting performance of ZF automatic transmissions.  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
<b>à</b>	12 x 1 L			
*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 HYUNDAI 040000C90SG JAGUAR FLUID 8432 LAND ROVER TYK500050 MASERATI 231603 VW G 055 005
<b>h</b>	12 x 1 L			
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
1 in 5 ii	20 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L			
*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.	<del>-</del>	EvoBus 27.000-017 VOITH 150.014524.xx ZF TE-ML 04D, 11B, 14B, 17C (ZF003602) MAN 339 TYPE Z2	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, 3 x 5 L, 20 L, 205 L, 1.000 L,	Tarali Turrali		

Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Automa	tic Transmissio	n Fluids (ATF)	
*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 FORD MECON FORD M2C924-A/M2C922-A1 FORD WSS-M2C919-E FORD WSS-M2C919-E FORD WSS-M2C919-E FORD WSS-M2C902-B GM 9986195 HONDA ATF Z-I HYUNDAI SP III SUZU 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
l in 5	12 x 1 L, 20 L, 205 L			
*TITAN ATF 4134	Ultra High Performance ATF, specially developed to optimise shifting performance of Mercedes automatic transmissions. Product dyeing: red.	-	MB-APPROVAL 236.14 SSANG YONG (MB- automatic trans- missions)	-
h	12 x 1 L			
*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 0 407 765 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
h E	12 x 1 L, 210 L			
TITAN ATF D-2	TITAN ATF D-2 is an automatic transmission fluid especially formulated to meet the requirements of General Motors DEXRON II specification	-	-	DEXRON II
	20 x 500 ML, 3 x 5 L, 20 L, 210 L, 1.000 L			
TITAN ATF D-3	TITAN ATF D-3 is an automatic transmission fluid especially formulated to meet the requirements of General Motors DEXRON III specification.	-	-	DEXRON III
<b>i in</b> 5 ()	20 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L			

# **TITAN**

Product name	Description	Specifications	Approvals	FUCHS Recommendations			
Continuously Variable Transmission Fluids (CVTF)							
*TITAN CVTF PRO 236.20	Premium Performance CVTF specially designed for Mercedes-Benz and Ford CVT-gearboxes. Product dyeing: none.	-	MB-APPROVAL 236.20 FORD WSS-M2C928-A	-			
<b>l in</b> 5 #	12 x 1 L, 3 x 5 L, 20 L, 205 L, 1.000 L						
*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 I/YE-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)			
h	12 x 1 L						

#### Transfer Case Fluid (TCF)

*TITAN TCF 1  NEW	Premium Performance TCF specially designed for use in many transfercases with wet running clutch.	-	MB-APPROVAL 239.41	BMW 83 22 2 409 710 (BMW DTF 1) BMW 83 22 0 397 244 <b>LAND ROVER IYK500010</b> NISSAN 999-MP-TF0870P
74237				PORSCHE 000 043 301 36 PORSCHE 000 043 305 63 VW G 055 015 VW G 052 515 VW G 055 515
<b>h</b>	12 x 1 l			







Service Products	
Antifreezes	30-32
Brake Fluids	32-33
Fuel Additives	33
Specialties	33

## **Service Products**

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Antifre	ezes	
MAINTAIN FRICOFIN LL	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites, amines, phosphates and silicates with OAT-tech- nology. Product dyeing: orange.	ASTM D 3306 TYPE I ASTM D 6210 TYPE I-FF BS 6580:2010 SAE J814 FORD WSS-M97-B44-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 colour) VOLVO COOLANT VCS (STD 418-0001)
<b>a</b> 3 #	20 L, 210 L, 1.000 L			
MAINTAIN FRICOFIN LL 50	Premium Performance Coolant Ready-Mix based on monoethylene glycol. Free of nitrites, amines, phosphates and silicates with OAT-technology. Offers frost protection down to -40 °C. Product dyeing: orange.	ASTM D 3306 TYPE III ASTM D 6210 TYPE III-FF BS 6580:2010	CAT / MWM TR 0199- 99-2091 DAF 74002 DEUTZ DQC CB-14 MAN 324 TYPE SNF MB-APPROVAL 326.3 MTU MTL 5048	ASTM D 4985

#### **MAINTAIN**

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Antifreeze	25	
*MAINTAIN FRICOFIN V	Premium Performance Coolant Concentrate based on monoethylene glycol and glycerin. Free of nitrites, amines and phosphates with Si-OAT-technology. Pro- duct dyeing: pink-violet.	ASTM D 3306 TYPE V BS 6580:2010	VW TL 774-J (G13)	-
	12 x 1 L, 3 x 5 L, 20 L, 205	L, 1.000 L		
MAINTAIN FRICOFIN DP	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites, amines and phosphates with Si-OAT-technology. Product dyeing: pink-vio- let.	AFNOR NF R 15-601 TYPE 1 AS/NZS 2108:2004 TYPE A ASTM D 3306 TYPE I ASTM D 4985 BS 6580:2010 SAE J814	CUMMINS CES 14603 DEUTZ DQC CC-14 MAN 324 TYPE SI-OAT MB-APPROVAL 325.5 MB-APPROVAL 325.6 VW TL 774-G (G12++)	DETROIT DIESEL 93K217 MTU MTL 5048 SCANIA TB 1451
in s	4 x 5 L, 20 L, 205 L			
*MAINTAIN FRICOFIN DP 50	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	DEUTZ DQC CC-14  MAN 324 TYPE Si-OAT  MB-APPROVAL 326.5  MB-APPROVAL 326.6  VW TL 774-G (G12++)	DETROIT DIESEL 93K217 MTU MTL 5048 SCANIA TB 1451
<b>1</b> 5 <b>1</b>	20 x 1 L, 20 L, 205 L, 210 L	1.000 L		
*MAINTAIN FRICOFIN HDD	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of amines and phosphates with low sili- cate technology. Product dyeing: yellow.	ASTM D 3306 TYPE I ASTM D 4985 ASTM D 6210 TYPE I-FF ASTM D 7583 AS/NZS 2108:2004 TYPE A BS 6580:2010 SAE J814 CHRYSLER MS 7170 CHRYSLER MS 9769 DETROIT DIESEL 75E298 FORD ESE-M97B44-A FORD ESE-M97B18-C FORD WSS M97B51-A1 GM 1825M & GM 1899M JIS K2234 MACK 014GS17004	MTU MTL 5048	CASE MS 1710 CAT EC-1 CUMMINS CES 14603 DETROIT DIESEL 93K217 FREIGHTLINER 48-2288D IVECO 18-1830 KENWORTH RO26-170-97 MAN 324 TYPE N NEW HOLLAND WSN-M97B18-E PACCAR CS 0185 TOYOTA Motor Corp. RP 329
h t	20 L, 205 L			
MAINTAIN FRICOFIN	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites, amines and phosphates with hybrid technology. Product dyeing: blue- green.	AFNOR NF R 15-601 TYPE 1 AS/NZS 2108:2004 TYPE A ASTM D 3306 TYPE I ASTM D 4985 BS 6580:2010 CUNA NC 956-16 SAE J814 SAE J1034	BMW LC-87 CAT / MWM TR 0199-99-2091 DEUTZ DQC CA-14 INNIO JENBACHER TA 1000- 0201 MAN 324 TYPE NF MAN 324 TYPE NF PRITARDER MB-APPROVAL 325.0 MTU MTL 5048 VOITH TURBO 172.00225010	BMW GS 94000 DAF 74001 LIEBHERR TLV 035/TLV 23009 A OPEL/GM B 040 0240 PN-C 40007:2000 VW TL 774-C (G11)

## **Service Products**

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Antifreezes		
MAINTAIN FRICOFIN 50	Premium Performance Coolant Ready-Mix based on monoethylene glycol. Free of nitrites, amines and phosphates with hybrid technology. Offers frost protection down to -37 °C. Product dyeing: blue-green.	AFNOR NF R 15-601 TYPE 3 ASTM D 3306 TYPE III ASTM D 4985 BS 6580:2010 SAE J814	DEUTZ DQC CA-14 MB-APPROVAL 326.0 MTU MTL 5048	BMW LC-87 (BMW GS 94000 DAF 74001 INNIO JENBACHER TA 1000- 0201 LIEBHERR TLV 035/TLV 23009 / MAN 324 TYPE NF MAN 324 TYPE NF PRITARDEF CAT / MWM TR 0199-99-209 OPEL/GM B 040 0240 PN-C 40007:2000 VOITH TURBO 172.00225010 VW TL 774-C (G11)
	20 x 1 L, 4 x 5 L, 20 L, 210 L, 1.000 L			
MAINTAIN FRICOFIN JF	MAINTAIN FRICOFIN JF, is a concentrate antifreeze coolant based on Monoethylene Glycol. It is formulated with the additive composition that meets the requirements of modern cooling systems.	-	+	ASTM D 3306 BS 6580 SANS 1251:2005
l in S	12 x 1 L, 3 x 5 L, 20 L, 210 L			
MAINTAIN FRICOFIN JF 50	MAINTAIN FRICOFIN JF, is a ready to use antifreeze coolant based on Monoethylene Glycol and demineralized water, formulated to meet the requirements of modern cooling systems.	-	-	_
	12 x 1 L, 3 x 5 L, 20 L, 210 L, 1.000 L			
		Brake Fluids		
*MAINTAIN DOT 514 LV <b>NEW</b>	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 S71 2114 RENAULT 41-02-001/H VW TL 766-X, 766-Y, 766-Z
	6 x 1 L, 20 L			
*MAINTAIN DOT 4 HT	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
<b>1</b> E	6 x 1 L, 205 L			

#### **MAINTAIN**

Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Brake	Fluids		
MAINTAIN DOT 4	MAINTAIN DOT 4 is a synthetic high-performance brake fluid and clearly exceeds the requirements of DOT 4 regarding boiling characteristics. Therefore, MAINTAIN DOT 4 offers additional protection against vaporization even under severe conditions.	FMVSS NR. 116 DOT 4 SAE J 1703/J 1704	-	-
i e	50 x 200 ML, 20 x 500 ML, 3 x 5 L			
MAINTAIN DOT 3	MAINTAIN DOT 3 is a hydraulic brake and clutch fluid incorporating special corrosion inhibitors and antioxidants.	-	-	FMVSS NR. 116 DOT 3 SAE J1703 ISO 4925 SANS 1905:2007
) <b>=</b>	50 x 200 ML, 20 x 500 ML, 3 x 5 L			
	Fuel Ad	ditives		
MAINTAIN VALVE EASE	MAINTAIN VALVE EASE is a fuel additive, containing special additives to clean gum and sludge from valves, pistons, rings, and carburettors. Also incorporated are electrically pulverised colloidal graphite to lubricate hot spots, valve stems, piston rings and walls.	-	-	-
•	50 x 200 ML, 20 x 500 ML			
	Specia	alties		
MAINTAIN WASH AND WAX	Car shampoo specially formulated for car body shampoo to wash all the dirt and grime whilst it gives the car a shiny and sparkling look through the wax that is incorporated into the shampoo.	-	-	-
l in	20 x 500 ML, 3 x 5 L, 25 L			
MAINTAIN ENGINE CLEANER	Hydrocarbon and emulsifier blend, heavy duty cleaner, easily washed away with water after cleaning and degreasing of automotive parts.	-	-	-
i in s	20 x 500 ML, 3 x 5 L, 20 L, 210 L			
FUCHS BIOCLEAN	A solvent free, readily biodegradable, environmentally friendly water based heavy duty cleaner concentration which is sold as a concentrate. Can be used within a food and pharmateuical processing facility.	-	NSF Non food com- pound listing - A1 (133135) SANHA HALAAL Approved	-
	4 x 5 L, 20 L, 210 L			
FUCHS BIOCLEAN PRE-MIX	A solvent free, readily biodegradable, environmentally friendly water based heavy duty cleaner that is READY TO USE and can be used within a food and pharmaceutical processing facility.	-	NSF Non-food com- pound listing - A1 (158319) SANHA HALAAL Approved-	-
h in C ii	20 x 500 ML, 3 x 5 L, 25 L, 1.000 L			
RENOCLEAN HAND CLEANER	RENOCLEAN GRIT HAND CLEANER PINK is a homogeneous, creamy consistency, washing paste, containing quartz silica. It is formulated for use in its concentrated form.	-	-	-
	500 G (Tub), 4 x 5 KG (TUB), 25 KG (TUB)			







Specialties	
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Greases – Automotive Applications	40-41



# Formerly **PENTOSIN**



#### PENTOSIN becomes TITAN. Everything else remains the same.

In order to achieve a clearer product structure, PENTOSIN's well-known CHF range of central hydraulic and power steering fluids is harmonized with our automotive leadbrand TITAN.

- ✓ The formulation of our proven products remains identical.
- ✓ The unique performance profiles with exclusive manufacturer approvals remain unchanged.
- ✓ It remains the same: FUCHS continues to offer you an excellent portfolio of central hydraulic and power steering fluids.

The CHF range remains what it has always been: Central hydraulic and power steering fluids of the highest quality.

In that respect we remain true to ourselves - and to you.



# **Specialties**





Product name	Description	Specifi- cations	Approvals	FUCHS Recommendations	
	Central Hydra	ulic / Power S	teering Fluids		
*TITAN CHF 11S	Premium Performance Power Steering and Central Hydraulic Fluid with a wide appli- cation 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, 205 L				
TITAN CHF 202	Premium Performance Power Steering and Central Hydraulic Fluid with a wide appli- cation 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	
1 5	6 x 1 L, 205 L				
*TITAN CHF 5364 B	Premium Performance Central Hydraulic Fluid approved by Mercedes-Benz for level control systems in passenger cars formulated with fully-synthetic base oils. Product dyeing: none.	-	MB-APPROVAL 344.0	-	
1 3	6 x 1 L, 205 L				
*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				

# **Specialties**



Product name	Description	Specifi- cations	Approvals	FUCHS Recommendations	
	Central Hydra	ulic / Power S	teering Fluids		
*TITAN PSF	High Performance Power Steering Fluid approved by Mercedes-Benz for passenger cars and commercial vehicles.  Product dyeing: none.	-	MB-APPROVAL 236.3	-	
•	6 x 1 L				

# **Specialties**

#### **RENOLIN**

Product name	Description	Densi- ty at 15 °C KG/m³	Flash point Clev. °C	Kin. visc. at 40 °C mm²/s	Kin. visc. at 100 °C mm²/s	VI	Pour- point °C	Main application area
	l l	Hydraulic	and Inc	dustrial G	ear Oils			
RENOLIN HO 68	Zinc free, mineral hydraulic oils blended from carefully selected virgin base oils in combination with selected ashless anti-wear, anti-rust, antioxidant and anti- foam additives. DIN 51 524 PART 2 SPERRY VICKERS I-286-S AFNOR NFE 48603 (HM) SABS SPECIFICATION 1218/84			68	8.7	100	-25	All types of hydraulic systems including gear, piston and vane type pumps. For most general industrial bearing and circulating oil systems which do not require oil with extreme pressure properties.

#### **RENOLIT**



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI gra- de	Base oil viscosity at 40 °C [mm²/s] (typical value)	Tem- pera- ture range [°C]	Approvals, recommendations	Main application area
		Grease	es in Spi	ray Cans	or Rattle	Cans		
RENOLIT GCR SPRAY	-	Wax Mineral oil	Y	-	>300	-	_	Solid containing grease spray Gear, chain and rope spray.
f	20 x 400 ml							
ANTICORIT G70 SPRAY	Multipurpose penetra- ting and dewatering anti-corrosion lubricant	Displaces and repels moisture	-	-	-	-	-	Convenient Ignition systems, Rusty bolts, Door hinges, Pully blocks.
f	20 x 400 ml							
ANTICORIT G80 SPRAY	Multipurpose non-flam- mable lubricant with exceptional penetrating and dewatering ability formulated for use where non-flammable sprays are specified.	Displaces and repels moisture	-	-	r	-	-	Penetrates rusted and seized equipment and tools  Displaces water  Shorts term rust prevention  Chains Zippers Springs Linkages Motors Castors Sewing machines Must be tested for plastic compatibility.
f	20 x 400 ml							
ANTICORIT BW 366 & SPRAY	High-performance corrosion protection wax with a solvent. It produces a thick, touch resistant, long-term corrosion protection film.	M 3082 Type D2	M 3082 Type D2	-	-	-	-	It provides an excellent corrosion protection on semifinished parts, press-tools and moulds. Ideal for the long-term preservation of vehicles and equipment for the construction industry and for farming.
f	20 x 400 ml							

Ca-X: Calcium complex; CaSX: Calcium sulfonate complex; HDK: Gel thickener; Li/Ca: Lithium/Calcium; Li-X: Lithium complex; PU: Polyurea; Synth. NaX: Synthetic sodium complex; PFPE: Perfluorpolyether
\*Import item, please confirm local availability.

# **Specialties**

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosity at 40 °C [mm²/s] (typical value)	Tem- pera- ture range [°C]	Approvals, recommen- dations	Main application area		
			Grea	ses – Aut	tomotive /	Application	ons			
RENOLIT CXI 2	-	CaSX Mineral oil	-	2	350	-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.		
	18 KG (Bucke	et)								
RENOLIT FLM 2	KPF2N-30 ISO-L- XCDEB 2	Lithium Mineral oil	-	2	100	-30 / +140	MAN 285 LI-PF 2	For mechanically loaded lubricating points, grease with MoS <sub>2</sub> , agricultural machines, commercial vehicles, construction industry, quarries and mining, rubber and concrete factory.		
<b>7   3  </b>	20 x 0,5 KG (Cartridge), 4 x 5 KG (Bucket), 18 KG (Bucket), 50 KG (Hobbock), 180 KG, BULK									
RENOLIT LX-PEP 2	KP2N-30 ISO-L- XCDEB 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-Bea- rings), Deut- sche Bahn	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, needle bearings of cardan shafts, plain and roller bearings, ventilator grease.		
	0,5 KG (Cartr	idge), 18 KG (E	Bucket), 25	KG (Hobbo	ock), 50 KG (	Hobbock), 1	80 KG			
RENOLIT M0/2/3		Lithium Mineral oil	-	0/2/3	228	-15 / +120	SKF R2F Test Condition A SKF AF Test Timken Speci- fication 2891	Multipurpose grease with good corrosion protection Extreme pressure (EP) grease for medium to high speed roller element or plain bearings.		
	180 KG									
RENOLIT LUBRENE LX 220 EP 2		Li-X Mineral oil	-	2	220			High performance Lithium Complex. Is compounded with anti-oxidant, anti-corrosion and extreme pressure additives making it suitable for use general purpose and specialized applications. Exhibits all the excellent properties of conventional Lithium greases but with the added advantage of higher temperature application.		

#### **RENOLIT**

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubri- cants	NLGI grade	Base oil viscosity at 40 °C [mm²/s] (typical value)	Tem- pera- ture range [°C]	Approvals, re- commendations	Main application area
			Grea	ises – Aut	tomotive A	Applicati	ons	
RENOLIT LUBRENE LXCA 700 EP2		LX/Ca Mineral Oil	-	2	700			High performance Lithium Complex/Calcium grease designed for high temperature operation. RENOLIT LUBRENE LX/Ca 700 EP is compounded with anti-oxidant, anti-corrosion and extreme pressure additives making it suitable for use in heavy industry.
<b>3</b>	180 KG							
RENOLIT LCWP 1/2		Lithium Calcium	-	1/2	1000			Waterproof, multipurpose EP Lithium/Calcium greases, highly fortified with synthetic polymers. Contains special EP compounds that help prevent wear under heavy duty conditions and protects bearings, seals and open gears against costly wear.
	20 x 0,5 KG	(Cartridge), 4 x	5 KG (Bud	cket), 15 KG	(Bucket), 18	KG (Bucke	t), 50 KG (Hobbock),	180 KG
RENOLIT COPPER COMPOUND		Inorganic	Y	1	>500			Anti seize compound designed to operate at extremes of temperature, used to help prevent seizing and corrosion at high temperatures in the automotive industry.
	20 x 0,5 KG (	(Cartridge), 1 K	G (Bucket	), 5 KG (Buc	ket), 18 KG (	Bucket), 20	KG (Bucket), 50 KG	(Hobbock), 180 KG, BULK
RENOLIT RED RUBBER		Medium fibrous grease	-	2/3	-	-10 / +100		Grease for use on elastomers, designed to be resistant to most seals used in automotive brake assemblies.
i 3	20 x 0,5 KG (	(Cartridge),180	KG					
RENOLIT SUPER LUPLEX M2/3		Special Lithium	0	2/3	225			Red special thickened lithium grease, primarily developed as wheel bearing and chassis greases for all types of vehicles.
	20 x 0,5 KG (	(Cartridge), 4 x	5 KG (Bud	cket), 15 KG	(Bucket), 18	KG (Bucke	t), 50 KG (Hobbock),	180 KG

## **Notes**

1		



#### **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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