

GEAR PLUS

**Solutions for
Automatic Transmission Oil Flushing**



MOVING YOUR WORLD



FUCHS, A PARTNER YOU CAN RELY ON.

FUCHS products for automatic transmissions and dual clutch transmissions are the result of state-of-the-art research and development by the world's largest independent lubricant specialist.

Premium Quality, Designed in Germany.

Automatic transmission oil flushes – a real return opportunity

The number of vehicles equipped with dual-clutch and automatic transmissions has increased rapidly over recent years and this trend is set continue.

As a result, transmission oil consumption volumes are continuously increasing – while engine oil volumes in service tend to decrease.

With the FUCHS GEAR PLUS automatic transmission oil flushing unit you can generate additional business opportunities for your workshop. As a GEAR PLUS specialist company, you can secure a unique position in your market and establish additional high-margin business with a future. Take advantage of this unique concept from FUCHS for your business.

FUCHS GEAR PLUS program includes the following support functions for your business:

- Worldwide unique transmission oil range for every fleet with numerous approvals from vehicle & transmission manufacturers
- GEAR PLUS Flushing System: Uses proven flushing technology provided by our German manufacturing partner, completely cleans & flushes the system with FUCHS OE approved automatic transmission fluid, ensuring optimum performance and protection
- GEAR PLUS Lubricant filling system: Automatic filling of gearboxes to exacting OEM standards.
- GEAR PLUS Storage Unit: Allows clean and safe storage of FUCHS lubricants
- GEAR PLUS Training: Full training provided for all workshop technicians by FUCHS GEAR PLUS experts
- Training videos available for additional support on the GEAR PLUS technology
- Comprehensive sales-support materials (posters, flyers, stamps, shop window lettering, tensioning tape, etc.)

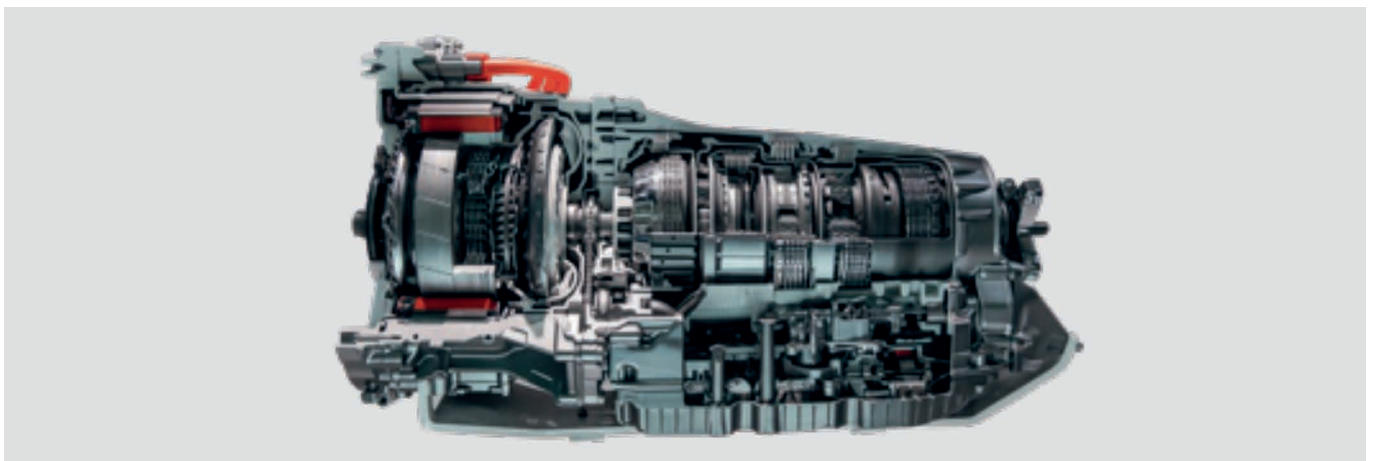


Figure: Open automatic transmission with converter

Steady increase in UK transmission oil volumes

The percentage of new vehicles purchased in the UK fitted with an automatic transmission has risen sharply; more and more vehicle models are being delivered exclusively with an automatic transmission.

Reasons

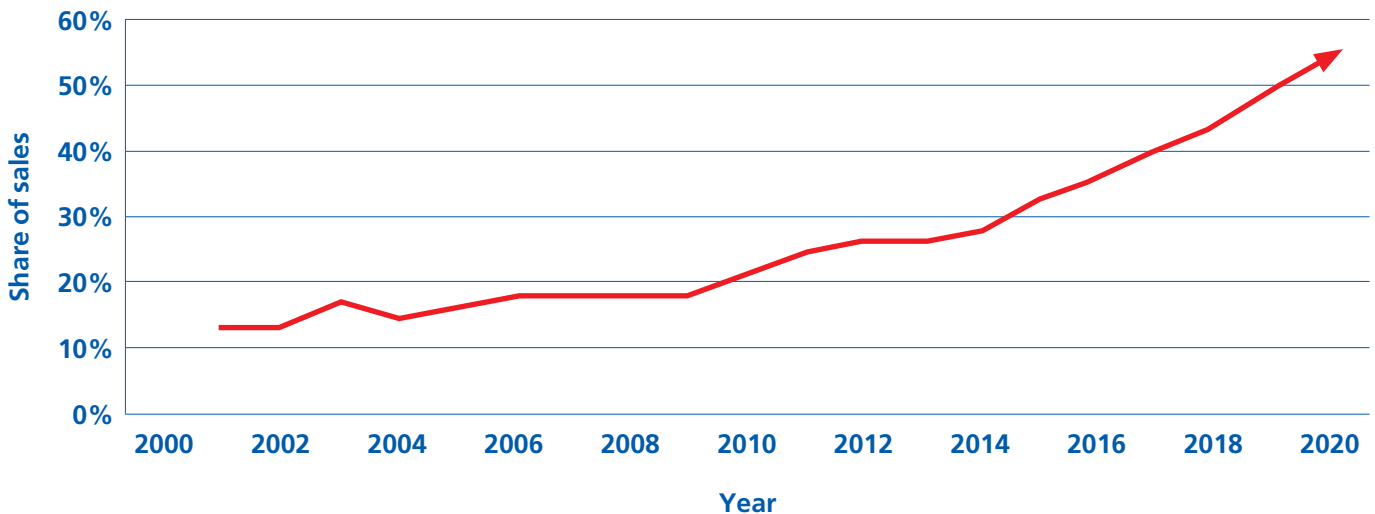
Optimisation of fuel consumption, reduction of emissions as well as increasing driving comfort are driving the shift to more automatic transmissions. These complex systems are heavily dependent on regular oil changes and flushing to maintain performance and efficiencies over the service life.

The forecast

Soon the servicing of automatic transmissions will become an integral part of your workshop offering.

FUCHS GEAR PLUS will be the optimum standard that you can offer to your customer to give a complete maintenance program. At FUCHS we are happy to support you in upgrading your service program!

Development of transmission oil volumes in the UK



Automatic Transmission Flushing – Increase your profits!

The importance of regular automatic transmission flushes is a service not usually offered as part of the maintenance service program. Professional automatic transmission flushes are rarely offered, as many workshops underestimate the relevance of this topic. Opportunities can be found in smaller specialist companies, who are looking to maximise profits. These will be looking to take advantage of this emerging market potential and will not shy away from the equipment investment and training requirement. The number of automatic transmission systems in the UK is growing rapidly and so is the demand from customers requiring this flushing service. The correspondingly equipped specialist companies are often commissioned by larger car trade groups and nationally by car owners' clubs.

This is your opportunity to secure the unique position in your market through this exclusive service and to increase your company's profitability.

FUCHS can support you in building a financially viable exclusive service in your workshop that will support increased profitability, customer confidence and customer retention.

The following example calculation gives you an overview of how quickly the purchase of a FUCHS GEAR PLUS unit can increase profitability in your workshop:

Typical transmission oil changes

| OEM | Type | Model | Km / months | ATF | Note |
|----------|-----------------------------|---------|--------------|-------------------|-----------------------|
| Mercedes | Semi auto | 700.422 | 75,000 | FFL-7A | |
| Mercedes | Semi auto | 700.423 | 125,000 | FFL-7A | |
| Mercedes | Semi auto | 724.002 | 100,000 | FFL-10 | |
| Mercedes | Auto | 725.113 | 125,000 | 9134 FE | |
| Mercedes | Auto | 722.9xx | 125,000 | 9134 FE | |
| Mercedes | Auto | 725.011 | 125,000 | 9134 FE | |
| BMW | | | | | Onboard system |
| JLR | Auto | 9HP48 | 48,000 | 6008 | |
| JLR | Auto | 8HP45 | 48,000 | 6008 | |
| JLR | Auto | 8HP70 | 48,000 | 6008 | |
| Audi | Semi auto | DSG ODD | 60,000 | FFL-2 | |
| Audi | A6 Allroad 2.0 Tdi | Auto | 09L | 30000 / 24 | 6008 |
| VW | Semi auto | DSG 250 | 60,000 | FFL-2 | |
| Skoda | Semi auto | DSG 02E | 60,000 | FFL-2 | |
| Skoda | Semi auto | DSG 0AM | 30,000 | Sintofluid FE 75W | |
| Ford | Ecosport 2.0L Ti-VCT 1-4 | Auto | 150,000 | ATF 6400 | |
| Vauxhall | Grandland | Auto | ATN8 | not listed | ATF 6400 Aisin Warner |
| Vauxhall | Crossland | Auto | AT6III (ME1) | not listed | ATF 6400 Aisin Warner |
| Peugeot | 508 | Auto | eATN8 | not listed | No grade Aisin Warner |
| Peugeot | 3008 | Auto | eATN8 | not listed | No grade Aisin Warner |
| Toyota | Yaris 1.5 Hybrid | e-CVT | P510 | 60,000 / 48 | ATF 6400 |
| Toyota | C-HR 2.0 Hybrid | e-CVT | P711 | 60,000 / 48 | ATF 6400 |
| Honda | Jazz 1.5 i-MMD Hybrid e-CVT | e-CVT | 150,000 / 72 | ATF 6400 | |
| Honda | Jazz 1.5 i-VTEC PF | CVT | 40,000 / 24 | Titan CVTF Flex | |

Automatic transmission flushing of a car with a 7-speed automatic transmission (reusable oil pan)

| Customer Labour Charge (2 hours @ £60) | Transmission Oil (8.5 L TITAN ATF @ £19 / L) | Accessories (Filter, Seal, 2 Magnets, 6 Screws) | Customer Selling Price (Net prices per flush) |
|---|---|--|--|
| £120 | £161.15 | £60 | £341.15 |
| Actual Wage Costs (for 2 man hours @ £15 ph) | Transmission Oil (8.5 L TITAN ATF @ £7 / L) | Accessories (Filter, Seal, 2 Magnets, 6 Screws) | Actual Costs for the Workshop |
| £30 | £59.50 | £30 | £119.50 |

Cost for the customer - Cost for the workshop = Net profit per flush

£341.15

£119.50

£221.65

GEAR PLUS Unit

Advantages

- Manufacturer approval from Mercedes-Benz
- No additional cleaner costs
- Advanced Flushing – Uses up to 50% less new oil in use
- High-quality construction “Made in Germany”
- Easy handling

The FUCHS GEAR PLUS advanced technology changes 100% of the automatic transmission fluid and cleans the transmission system in a single operation. It was developed according to exact requirements of Mercedes-Benz, it works without the need for aggressive cleaners or other additives. It utilises only heat and flow speed during the cleaning operation to ensure that deposits are removed via the two high performance filters. To ensure the maximum transmission performance it is also recommended at this stage to fully change the transmission fluid.

In a standard draining and refilling operation a significant proportion of the used fluid stays in the system. Up to 60% of the old fluid can remain in the converter unit and box. This is eliminated when using the FUCHS GEAR PLUS system, the oil change is supplemented by the flushing of the transmission. The high-performance filters ensures efficient cleaning, while the second stage filter ensures that fresh filtered new oil is transferred directly in to the transmission with no problematic air locks.

Technical data

| Compressed air connection | Volume of Bottom Tank | Volume of Fresh Oil Tank | Flow rate of the Diaphragm Pump | Length of Bypass hose | Length connection hoses | Filtration Size |
|---------------------------|-----------------------|--------------------------|---------------------------------|-----------------------|-------------------------|-----------------|
| 8 bar | 20L | 20L | 60L / min | 1.500mm | 2.500mm | 20 µm |
| Temperature resistance | Sound pressure level | Length | Depth | Height | Weight | |
| 120°C | < 70 dB(A) | 700mm | 600mm | 1,200mm | 78kg | |

During the 5-minute flushing in the driving stage D, a complete liquid exchange / flow takes place 10 to 12 times.

* GEAR PLUS premium offer consists of GEAR PLUS Unit, plus 10 common adapter pack, plus professional product training, plus advertising package for your POS. Subject to contract agreement. Last update: 06 / 2019. Changes are reserved.



FUCHS Premium Offering* from £3,599



The GEAR PLUS machine unit is connected to the gearbox via the hoses of the heat exchanger, with specific adapters.

The variables regarding the use of adapters are mainly: Vehicle model, Transmission type, Heat Exchanger type. Example: The same transmission model on different vehicles can have several variants and different heat exchanger models.

HAVING PROPER ADAPTERS FOR CONNECTION IS THE KEY

FUCHS offers 2 adapter kits:





- Basic 1 (Included as part of the initial package)
- Basic 2 - £599.00

Ask your local FUCHS representative for the full list of kit adapters.



Financing offer for the GEAR PLUS System

FUCHS offer for the GEAR PLUS System for automatic transmission:*

| | | |
|---|--|-------------------|
|  | GEAR PLUS Unit (plus Basic Kit 1) | £3,599 |
|  | Basic Kit 2 - adapters for the most common makes** | £599 |
|  | On site training | £399 |
|  | Welcome Starter Pack | £99 |
| Net total | | £4,696 UVP |

*As of 06 / 2019. Changes are reserved.

**A complete list can be obtained from your FUCHS contact person.

As a GEAR PLUS partner company, you benefit from the FUCHS subsidy on the purchase price of the Unit. For our GEAR PLUS partners, we cover up to 50% of the purchase price. You decide on how you want to pay the remaining amount. This can be charged as a one-off payment or you

can spread the amount based on your annual lubricant consumption. We can agree the amount per litre that you will pay across the agreed term, typically 2 years. No additional costs to pay and the end of the contract term the equipment is your property.

Example calculation for GEAR PLUS partner's

| Contact duration | FUCHS Subsidy on the total amount | Remaining customer share | Total quantity across agreement | Customer share as a surcharge on the purchase price |
|------------------|-----------------------------------|--------------------------|---------------------------------|---|
| 1 Year | 10% | £4,226.40 | 1000 L (1x 1,000 L) | + £4.23 / L |
| 2 Years | 20% | £3,756.80 | 2,000 L (2x 1,000 L) | + £1.88 / L |
| 3 Years | 30% | £3,287.20 | 3,000 L (3x 1,000 L) | + £1.09 / L |
| 4 Years | 40% | £2,817.60 | 4,000 L (4x 1,000 L) | + £0.70 / L |
| 5 Years | 50% | £2,348.00 | 5,000 L (5x 1,000 L) | + £0.50 / L |

With a term of 5 years, FUCHS takes over 50% of the total sum. This means for you: The remaining balance of £2,348 will be distributed across the purchase of 5,000 Litres over 5 years, (based on an annual quantity is 1,000 litres). For each litre of lubricants delivered, this results in a surcharge of + £0.50 / L added to the NET litre oil cost.

Here you can find out more about a specialist workshop that successfully offers automatic transmission flushing



Transmission oils designed with original manufacturer approvals

Modern car transmissions require modern OE approved high-performance lubricants to ensure frictionless operation over the entire period of use. These fluids offer maximum transmission protection from wear and tear, whilst significantly improving shift comfort.

The extension of the change intervals up to an extended service life in modern transmission also increases the requirements for the high-quality OE approved fluids. As a long-standing development partner of the world's leading gearbox manufacturers, FUCHS is at the forefront of lubricant design technology to produce a comprehensive range of manufacture approved fluids.

| FUCHS TITAN GRADE APPROVALS | ATF 9134 | ATF7134 | ATF 6400 | ATF 6009 | ATF 6008 | ATF 6006 | ATF 1 | ATF 4400 | ATF 4134 | ATF 4000 | CVTF FLEX | FFL-2 | FFL-3 | FFL-4 | FFL-8 | FFL-10 | FFL RACING |
|-----------------------------|----------|---------|----------|----------|----------|----------|-------|----------|----------|----------|-----------|-------|-------|-------|-------|--------|------------|
| AISIN WARNER | | | ✓ | | | | | | | | | | | | | | |
| BENTLEY | | | | | | ✓ | | | | | | | | | | | |
| BMW | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | ✓ | ✓ | | | |
| Chrysler | | | | | ✓ | | ✓ | ✓ | | | ✓ | | | | | | |
| Citroen | | | | | | | ✓ | | | | | | | ✓ | | | |
| Daihatsu | | | | | | | | ✓ | | | ✓ | | | | | | |
| Fiat | | | ✓ | | ✓ | | | ✓ | | | | | | | | | |
| Ford | | | ✓ | | | | | ✓ | | ✓ | ✓ | | | | | | |
| Getrag | | | ✓ | | | | | ✓ | | ✓ | ✓ | | | ✓ | | | |
| GM / Opel | | | ✓ | | | | ✓ | ✓ | | ✓ | ✓ | | | | | | |
| Honda | | | ✓ | ✓ | | | | ✓ | | | ✓ | | | | | | |
| Hyundai | | | ✓ | | | ✓ | | ✓ | | | ✓ | | | | | | |
| Isuzu | | | | | | | | ✓ | | | | | | | | | |
| Jaguar Land Rover | | | | | ✓ | ✓ | ✓ | | | | | | ✓ | | | | |
| Jatco | | | | | | | | ✓ | | | | | | | | | |
| Jeep | | | | | | | | | | | ✓ | | | | | | |
| Kia | | | ✓ | | | | | | | | ✓ | | | | | | |
| Maserati | | | | | | ✓ | | | | | | | | | | | |
| Mazda | | | | | | | | ✓ | | | ✓ | | | | | | |
| Mercedes | ✓ | ✓ | | | | | ✓ | | ✓ | ✓ | | | ✓ | | | ✓ | |
| Mitsubishi | | | ✓ | | | | | ✓ | | | ✓ | | | ✓ | | | |
| Nissan | | | ✓ | | | | | ✓ | | | ✓ | | | | | | |
| Peugeot | | | | | | | ✓ | | | | | | | ✓ | | | |
| Porsche | | | | | | | ✓ | | | | | | ✓ | | ✓ | | |
| Saab | | | | | | | | ✓ | | | | | | | | | |
| Subaru | | | | | | | | ✓ | | | ✓ | | | | | | |
| Suzuki | | | | | | | | ✓ | | | ✓ | | | | | | |
| Toyota | | | ✓ | | | | | ✓ | | | ✓ | | | | | | |
| Volkswagen | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | | | | |
| VOLVO | | | | | | | | | | ✓ | | | | ✓ | | | |
| ZF | | | ✓ | | | | ✓ | | | ✓ | | | ✓ | | ✓ | | |

GEAR PLUS Support

To support GEAR PLUS FUCHS offers bespoke lubricant storage & dispensing stands that can hold 6 x 20L lube cubes or drums, ideal for maintaining a clean workshop or garage.

With 6 position options available these strong, bespoke stands can easily display our 20L packs for simple dispensing - That's up to 120L of oil within a smaller workspace footprint, freeing up useful racking or storage space.

Both our recyclable cardboard Lube Cubes and our traditional plastic containers fit within the tiered shelf system, offering great flexibility with product choice.

Ask your local FUCHS representative for the most suitable grades to fill your stands.



The FUCHS oil guide helps you to find the right transmission oil for your customer vehicles.



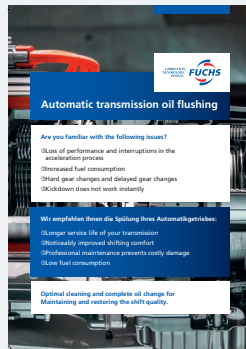
FUCHS can provide a variety of marketing and branding items to help promote your GEAR PLUS service:

GEAR PLUS Poster

A5 to A1

GEAR PLUS Flyer

A5 or A4



GEAR PLUS Stamp



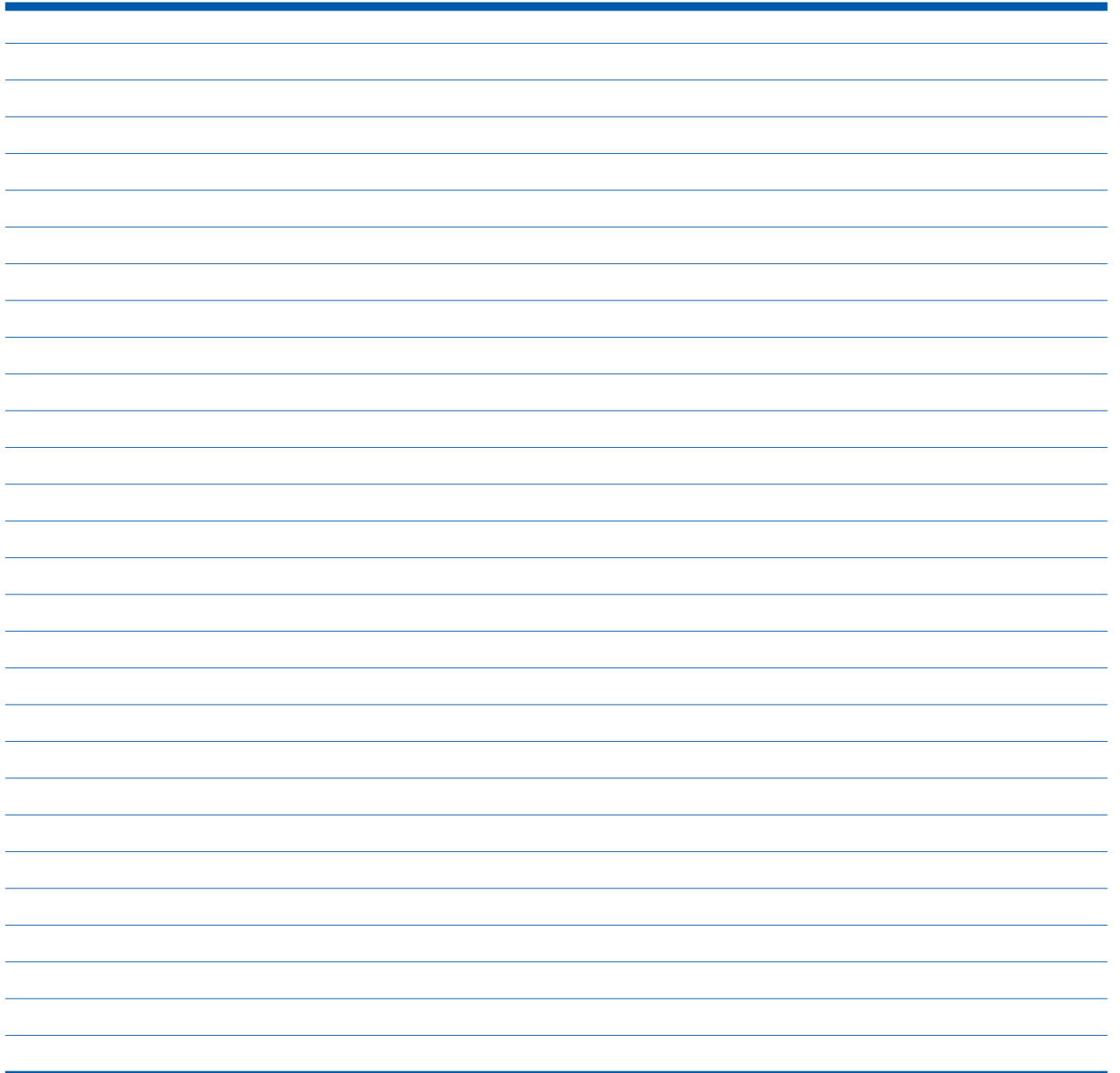
GEAR PLUS Sticker



GEAR PLUS Banner



Your local FUCHS representative will be happy to advise you on other sales-supporting materials!



Note
The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally-valid statements about the function of our products are not possible. The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

We therefore recommend that you consult a FUCHS application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information, all previous editions cease to be valid.

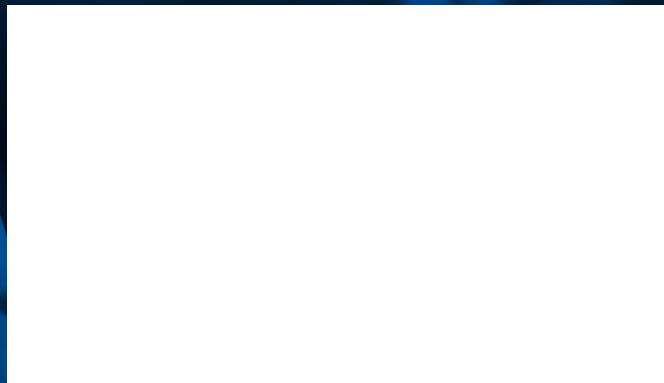
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FUCHS lubricants

Innovative lubricants need experienced application engineers

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

Contact:



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