



# Overview Gear oils

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2 Select an icon.

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## All about gear oils

To be able to ensure fault-free operation, modern transmissions require a modern high-performance lubricant that protects the transmission against wear and at the same time does not impair the shifting behavior. The type and quantity of the additives for the lubricant has a considerable influence on various parameters here, such as the shifting ability, the change intervals, the friction characteristics and the wear protection. It is therefore absolutely necessary that the specification or approvals stipulated by the manufacturer are complied with when changing the gear oil. With the number of transmission types on the rise, the gear oils have also been developed and adapted. There is an initial rough differentiation between manual or axle transmissions, automatic transmissions, dual-clutch transmissions and CVTs. Within these groups there are various sub-groups that all require a lubricant specially adapted to the design and application.

**Note:** In gear oils there is no uniform basis that the manufacturers are obliged to uphold (e.g. ACEA). This leads to a variety of special manufacturer approvals.

### Examples:

#### Mercedes-Benz:

26 ATF approvals (MB-Approval 236.x)

21 (Hypoid) gear oil approvals (MB-Approval 235.x)

#### Volkswagen:

14 ATF approvals (G 052 xxx, G055 xxx, G060 xxx)

15 (Hypoid) gear oil approvals (G 052 xxx, G055 xxx, G060 xxx)

## Classification of gear oils

In order to at least be able to get a general answer as to what quality or which properties a gear oil corresponds to, over the course of the past few decades, division according to API became established for manual transmissions and axle drives and division according to Dexron became established for automatic transmissions. The manufacturers made use of this division over a long period of time. After the transmission became ever more complex, however, this division was no longer sufficient. The viscosity of the manual transmission and axle drive is – as with motor oils – classified by SAE. The viscosity of automatic gear oils, so-called ATF oils (Automatic Transmission Fluid), is not classified by SAE, as the viscosity is a part of the respective manufacturer approval.

### API (manual gear or axle drive oils)

**GL 1** Low load hypoid transmission or worm gear

**GL 2** Worm gear (not in road vehicles)

**GL 3** Manual transmission (vintage)

**GL 4** Manual transmission, hypoid transmission if permitted

**GL 5** Hypoid transmission, manual transmission if permitted

### Classification GM Dexron automatic transmission

TASA 1957	DEXRON B 1967	DEXRON II C 1973	DEXRON II D 1981	DEXRON II E 1991	DEXRON III F 1994	DEXRON III G 1997	DEXRON III H 2003	DEXRON VI 2005
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### Classification Ford Mercon automatic transmission

Mercon 1987	Mercon V 1996	Mercon LV 2005	Mercon ULV 2014
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### What does it mean when gear oils are designated with the abbreviation LS?

LS stands for "limited slip". In this case, a friction coefficient is required as specified by the manufacturer for a limited slip differential which is controlled via a multiplate clutch pack. An LS gear oil can also be used for limited slip differentials with electronically or mechanically controlled lock, without having a detrimental effect.

### STOU (Super Tractor Oil Universal)

Combines the characteristics of a motor oil with the requirements for manual and axle transmissions, hydraulic systems, fluid flywheels and immersion brakes (wet brakes).

### UTTO (Universal Tractor Transmission Oil)

Multi-purpose oil for use in combined drive systems (transmission/hydraulic) including wet brakes.

### STOU/UTTO

Meets the requirements of a STOU and UTTO oil.

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## About us

- Own state-of-the-art production facilities in Ulm & Saarlouis
- Global sales in over 150 countries
- More than 1,000 employees



## Highest quality requirement

- Research and development in own laboratories
- Continuous expansion, further development and research
- Only raw materials of the highest quality are used
- Certification according to DIN EN ISO 9001 (quality), 14001 (environment) and 45001 (occupational safety)
- State-of-the-art gear oils with manufacturer's approvals in highest quality.
- Special developments to the latest state of the art

You will find our complete range in our product catalog, part no. 5603, or on the Internet at:  
[www.liqui-moly.com](http://www.liqui-moly.com)





## Comprehensive service

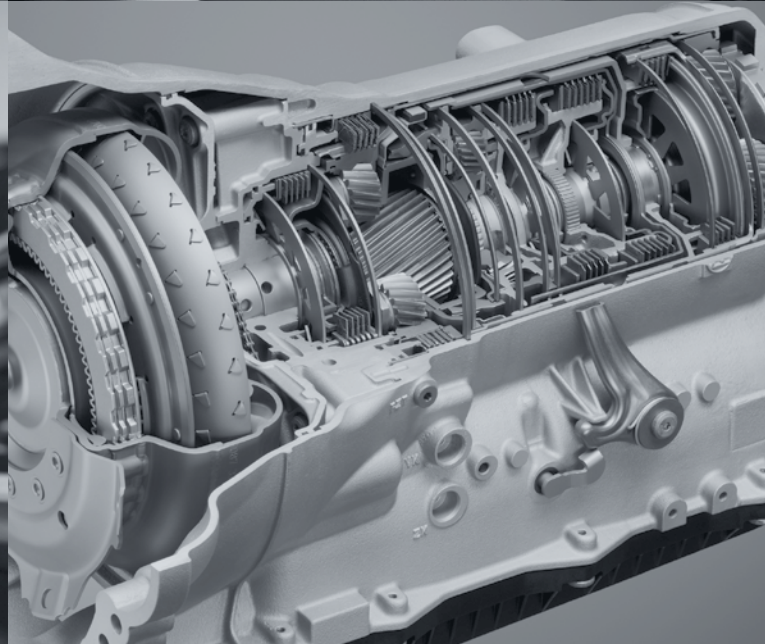
- Personal on-site support by own employees or licensees
- In-house application technology is available to our customers via a service phone number
- Extensive waste oil and product analyses for our customers
- On-site product training and demonstrations
- Product tests supported by our R&D for verifiable results

## One-stop shop

With around 4,000 articles for almost everything that drives, we are experts in technical/chemical problem-solving in the vehicle sector. In addition to high performance lubricants such as greases, oils and pastes, chemical tools and repair aids also form an important part of the company's range. Our performance strength is not only reflected in the high product benefit, but also in the availability of goods, consulting expertise and service. We offer tailor-made solutions for the areas of maintenance, servicing and lubrication as well as for the repair and care of machinery. Numerous approvals from industry testify to our extraordinary product quality.

**Check out our efficiency for yourself!**





# Gear oil additives



### ATF Additive

Optimally cares for rubber and plastic seals in steering gears and automatic transmissions. Leaks on transmissions and gears, caused by hardened and brittle seals, are prevented and eliminated. Cleans holes and channels in the transmission and refreshes the oil's performance. Reduces noise formation and improves the shifting in automatic transmissions. Extends the life of steering gears and automatic transmissions.

#### Area of use

Add the additive to the power steering reservoir or add to the transmission oil through the dipstick. The contents of 250 ml are sufficient for up to 8 l oil volume. Suitable for steering gears and automatic transmissions that are filled with ATF II and ATF III oils.

Cont.	Packaging Unit	Part no.
250 ml	6	<b>5135</b> <sup>71</sup>
250 ml	12	<b>8336</b> <sup>135</sup>



### Gear Protect

High-pressure wear protection additive from the latest technology. Reduces friction and wear. The transmission runs quieter, smoother and can be shifted more softly. With long-term effect of up to 100,000 km. Smooths tooth flanks and increases the stability of the components.

For manual transmissions, power take-off and differential gears. Contents sufficient for 2 l transmission oil. Not suitable for automatic transmissions and motorcycles with wet clutches. Add any time and when changing the transmission oil.

80 ml	6	<b>1007</b> <sup>81</sup>
80 ml	6	<b>2863</b> <sup>24</sup>



### Gear-Oil Additive

Contains highly concentrated MoS<sub>2</sub> to reduce wear in manual and differential transmissions, axle drives without integrated wet differential locks and mechanical steering systems. MoS<sub>2</sub> reduces temperature peaks and ensures quieter running and smoother shifting. The transmission heats up less and benefits from smoother tooth faces in terms of quieter running and improved performance.

For manual and differential transmissions, axle drives without integrated wet differential lock and mechanical steering systems, especially under high thermal loads. 20 g is sufficient for 1 liter of gear oil. 50 g is sufficient for 2.5 liters of gear oil.

20 g	12	<b>1040</b> <sup>21</sup>
20 g	12	<b>2652</b> <sup>208</sup>
20 g	12	<b>8387</b> <sup>214</sup>
20 g	12	<b>21487</b> <sup>167</sup>
50 g	12	<b>2510</b> <sup>155</sup>
50 g	12	<b>21643</b> <sup>123</sup>



### Gear-Oil Leak Stop

Regenerates rubber and plastic transmission seals such as shaft seals and prevents oil stains under the vehicle. Protects clutches from oil fouling and prevents incomplete lubrication and transmission damages that are caused by too low an oil level. Prevents polluting oil stains.

For manual transmissions, power take-off and differential gears. Contents are sufficient for up to 1 l transmission oil. **Not suitable for DSG or automatic transmissions or differentials and motorbikes with wet clutches.**

50 ml	12	<b>1042</b> <sup>21</sup>
50 ml	12	<b>21641</b> <sup>123</sup>



### Power Steering Oil Leak Stop

The additives contained provide optimum care for rubber and plastic seals in the steering gear. Prevents oil loss, stops oil loss in steering gears that drip and regenerates hardened seals. Holes and ducts of the steering gear are cleaned and the performance of the oil is thus revitalized. The noise levels are reduced, the service life is extended and the repair costs are lowered.

Suitable for steering gears that are filled with ATF II, ATF III, ATF VI or central hydraulic system oils. Add to the compensating reservoir of the steering system. 35 ml is sufficient for 1 liter of oil.

35 ml	12	<b>1099</b> <sup>34</sup>
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### Transmission Cleaner

Highly effective transmission cleaner with special additive package. Removes all contaminants in the transmission to drain off the dissolved deposits during the subsequent oil change. Cleaning ensures a long transmission service life and smooth, easy shifting. The cleaner is neutral to metals, plastics and rubber seals.

For cleaning manual, auxiliary and differential transmissions. Contents sufficient to treat up to 4 l of oil.

150 ml	6	<b>3321</b> <sup>71</sup>
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### Automatic Transmission Cleaner

Cleans and frees the ATF circuit of deposits and residues. Provides for optimal shifting performance and prolongs transmission service life.

Suitable for all automatic transmissions. Contents of can are sufficient to treat 6-9 liters of oil. Can be added to the gear oil through the dipstick opening using a funnel or used in all commercial automatic transmission cleaning devices.

300 ml	6	<b>2512</b> <sup>71</sup>
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## GEAR OIL ADDITIVES



## Workshop Pro-Line

**Pro-Line Automatic Transmission Cleaner**

Cleans and frees the automatic oil circuit of deposits and residues. Provides for optimum gear shift performance and prolongs transmission service life

## Area of use

Suitable for all automatic transmissions and power steering systems without an additional system. 300 ml are sufficient for 6-9 l ATF oil volume.

Cont.	Packaging Unit	Part no.
1 l	6	5101 <sup>71</sup>
5 l	1	5179 <sup>71</sup>

**Pro-Line Gear Oil Additive**

An additive specifically developed for manual transmissions and differential gears. It significantly reduces wear and decreases temperature peaks. The transmission runs more quietly, enables softer shifting and heats up less strongly. Even old transmissions regain quiet running and increased performance through the smoothing of the tooth flanks. Increases reliability and provides antifriction properties through MoS<sub>2</sub>.

For all manual transmissions, power take-off and differential gears. Do not use in fully automatic transmissions and gears with clutches that run in oil baths. 150 ml sufficient for approx. 15 l transmission oil.

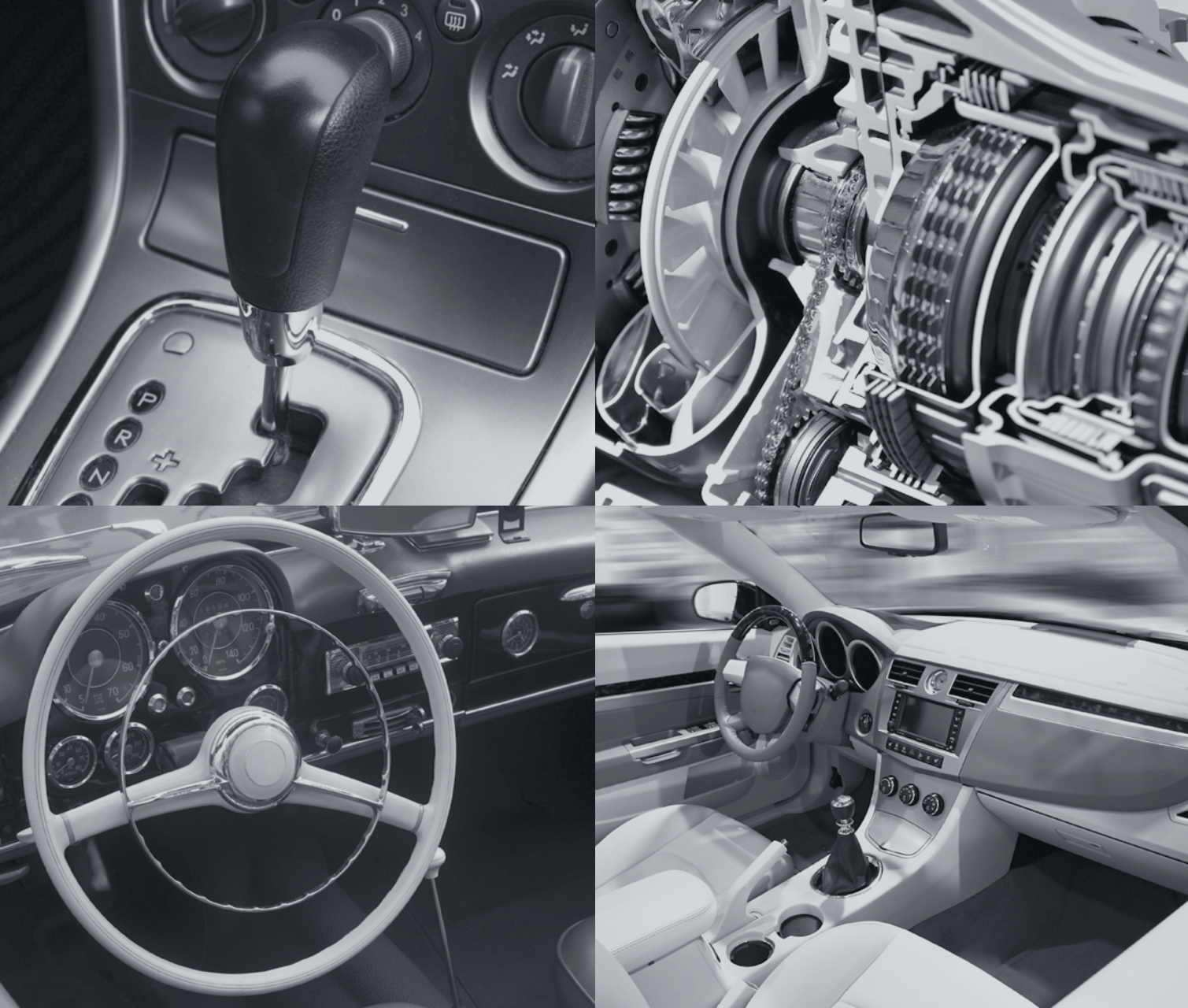
150 ml	12	5198 <sup>38</sup>
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**Pro-Line Gear Oil Leak Stop**

Stops oil losses in dripping transmissions. Regenerates hardened rubber and plastic seals. No more polluting oil stains. Protects clutches from oil fouling, prevents incomplete lubrication and transmission damages that are caused by too low of oil level.

For all manual transmissions, power take-off and differential gears. Do not use in fully automatic transmissions and gears with clutches that run in oil baths. 500 ml sufficient for approx. 10 l transmission oil.

500 ml	6	5199 <sup>71</sup>
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# Gear oils



## GEAR OILS



## Automatic transmission/steering gear oils

**Dual Clutch Transmission Oil 8100**

High-performance oil based on HC synthetic base oils and a powerful combination of additives. Achieves excellent clutch performance through extremely shear stable viscosity index improvers, advanced anti-wear additives and stable friction modifiers. Also suitable for dual clutch transmissions, which have a common oil supply for clutch, synchronizer, gear set and hydraulic control.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: 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 2 167 666, BMW 83 22 2 433 157, BMW DCTF-1, BMW DCTF-1+, BMW DCTF-2, BMW MTF LT-5, Chrysler 68044345 EA, Chrysler 68044345 GA, Eaton PS-278, Fiat 9.55550-HE2, Fiat 9.55550-MZ6, Ford 1490761, Ford 1490763, Ford F-DC, Ford KU-7JM2C218AA, Ford WSS-M2C 218-A, Ford WSS-M2C 936-A, Jaguar / Land Rover GX73-M1R564-AA, MB 236.21, MB 236.24, MB 239.21, MB A 000 989 04 03, MB A 000 989 20 02, Mitsubishi MZ320065 Dia-Queen SSTF-I, Peugeot Citroen (PSA) 9734.S2, Porsche 999.917.080.00, Porsche 999.917.080.01, Renault DW5, Renault DW6, Volvo 1161838, Volvo 1161839, VW G 052 182, VW G 052 529, VW G 052 536, VW G 055 529, VW G 055 536, ZF TE-ML 11

## Area of use

For dual clutch transmissions of all types that require a special oil, such as VW, Seat, Škoda, Audi (direct shift gearbox), Ford, Mercedes-Benz (DCT), BMW, Volvo, etc.

Cont.	Packaging Unit	Part no.
1 l	6	1180 <sup>97</sup>
1 l	6	3640 <sup>71</sup>
1 l	6	20466 <sup>255</sup>
5 l	4	20626 <sup>71</sup>
20 l	1	3641 <sup>71</sup>
60 l	1	3642 <sup>34</sup>
205 l	1	21613 <sup>34</sup>

**ATF III**

Automatic transmission oil with high performance reserves. For vehicles with tried and tested transmission technology. Excellent wear protection and favorable friction behavior. Even under the most difficult conditions and during large temperature fluctuations, it guarantees flawless hydraulic gear functioning. Provides extremely good lubrication properties and outstanding corrosion protection. Has good seal compatibility.

Specifications and approvals: Allison C4, Dexron III G, Ford Mercon, Voith H55.6335.XX (G 607), ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 14A, ZF TE-ML 17C, ZF approval number ZF004928

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Caterpillar TO-2, MAN 339 Typ L1, MAN 339 Typ V1, MAN 339 Typ Z1, MB 236.1

For automatic transmissions, manual shift transmission, steering systems, hydraulic and lateral drives both in the car and in the commercial vehicle sector. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

500 ml	6	1405 <sup>71</sup>
1 l	6	1043 <sup>71</sup>
5 l	4	1056 <sup>21</sup>
20 l	1	1058 <sup>34</sup>
60 l	1	1246 <sup>34</sup>

**ATF III (yellow)**

Automatic transmission oil with high performance reserves. For vehicles with tried and tested transmission technology. Excellent wear protection and favorable friction behavior. Even under the most difficult conditions and during large temperature fluctuations, it guarantees flawless hydraulic gear functioning. Provides extremely good lubrication properties and outstanding corrosion protection. Has good seal compatibility.

Specifications and approvals: Allison C4, Dexron III G, Ford Mercon, Voith H55.6335.XX (G 607)

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Caterpillar TO-2, MAN 339 Typ L1, MAN 339 Typ V1, MAN 339 Typ Z1, MB 236.1, ZF TE-ML 04D, ZF TE-ML 14A, ZF TE-ML 17C

For automatic transmissions, manual shift transmission, steering systems, hydraulic and lateral drives both in the car and in the commercial vehicle sector. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

1 l	6	9521 <sup>47</sup>
5 l	4	9522 <sup>47</sup>

**Top Tec ATF 1100**

Synthetic technology automatic transmission oil from the latest generation with extremely high performance reserves. Provides high thermal stability, ensuring ideal ageing resistance. Excellent wear protection and favorable friction behavior. Greatest safety reserves through modern additive technology. With improved formula for long transmission life. Compatible with all sealing materials.

Specifications and approvals: Allison C4, Dexron III G, Dexron III H, Dexron TASA (Typ A/Suffix A), DTFR 13C100 (236.1), Ford Mercon, MAN 339 Typ L1, MAN 339 Typ V1, MAN 339 Typ Z1, MB-Approval 236.1, Voith H55.6335.XX (G 607), ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 14A, ZF TE-ML 17C, ZF approval number ZF004926

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Allison TES 389, Caterpillar TO-2, Ford ESP-M2C 166-H, MB 236.6, Volvo 97341, ZF TE-ML 02F, ZF TE-ML 09, ZF TE-ML 11A, ZF TE-ML 11B, ZF TE-ML 14B

For automatic transmissions, manual shift transmission, steering systems, hydraulic and lateral drives both in the passenger car and in the commercial vehicle sector. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

500 ml	6	3650 <sup>71</sup>
1 l	6	3651 <sup>71</sup>
1 l	6	3668 <sup>97</sup>
1 l	6	20467 <sup>255</sup>
5 l	4	3652 <sup>71</sup>
20 l	1	3653 <sup>71</sup>
60 l	1	3654 <sup>34</sup>
205 l	1	3655 <sup>34</sup>

**Top Tec ATF 1100 G**

Synthetic technology automatic transmission oil from the latest generation with extremely high performance reserves. Provides high thermal stability, ensuring ideal ageing resistance. Meets the specifications acc Dexron III, IIE, IID and TASA (Type A, Suffix A). Excellent wear protection and favorable friction behavior. Greatest safety reserves through modern additive technology. With improved formula for long transmission life. Compatible with all sealing materials.

Specifications and approvals: Allison C4, Dexron III G, Dexron III H, Dexron TASA (Typ A/Suffix A), Ford Mercon, MAN 339 Typ L1, MAN 339 Typ V1, MAN 339 Typ Z1, MB-Approval 236.1, Voith H55.6335.XX (G 607), ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 14A, ZF TE-ML 17C, ZF approval number ZF004926

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Allison TES 389, Caterpillar TO-2, Ford ESP-M2C 166-H, MB 236.6, Volvo 97341, ZF TE-ML 02F, ZF TE-ML 09, ZF TE-ML 11A, ZF TE-ML 11B, ZF TE-ML 14B

For automatic transmissions, manual shift transmission, steering systems, hydraulic and lateral drives both in the passenger car and in the commercial vehicle sector. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

1 l	6	9700 <sup>47</sup>
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For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

Fully synthetic   
Synthetic technology   
Semi synthetic   
Mineral-based



## Automatic transmission/steering gear oils

**Top Tec ATF 1200**

Synthetic technology automatic transmission oil of the latest generation. Prevents build-up of harmful deposits. Arrive at your destination faster and safer with maximum transmission performance and power reserves. Exceeds the highest test requirements demanded by renowned manufacturers. Ensures exact friction behavior and guarantees outstanding ageing resistance. Highest lubrication security under all conditions. Secures the functional performance of the aggregate and ensures long service life. With advanced wear-protection technology.

Specifications and approvals: Allison C4, Dexron III H, Ford Mercon V, Honda ATF Z1 (except CVT), Hyundai SP-II, Hyundai SP-III, JASO 1-A, Kia SP-II, Kia SP-III, Mazda ATF M-III, Mazda ATF M-V, Mitsubishi SP-II, Mitsubishi SP-III, Nissan AT-Matic D Fluid, Nissan AT-Matic J Fluid, Nissan AT-Matic K Fluid, Toyota Type T-II, Toyota Type T-IV

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Allison TES 295, BMW 7045 E, BMW 8072 B, BMW LA 2634, BMW LT 71141, Caterpillar TO-2, Chrysler ATF +3, Chrysler ATF +4, Daimler NAG-1, JWS 3309 (Aisin Warner), MAN 339 Typ V1, MAN 339 Typ Z1, MAN 339 Typ Z2, MB 236.2, MB 236.5, MB 236.6, MB 236.7, MB 236.9, MB 236.10, MB 236.11, MB 236.91, Subaru ATF, Voith H55.6335.XX (G 607), Volvo 97340, Volvo 97341, VW G 052 162, VW G 052 990, VW G 055 025, ZF TE-ML 02F, ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 05L, ZF TE-ML 09, ZF TE-ML 11A, ZF TE-ML 11B, ZF TE-ML 14A, ZF TE-ML 14B, ZF TE-ML 17C

## Area of use

For automatic transmissions, manual shift transmission, steering systems, hydraulic and lateral drives both in the car and in the commercial vehicle sector. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

Cont.	Packaging Unit	Part no.
500 ml	6	<b>3680</b> <sup>71</sup>
1 l	6	<b>2393</b> <sup>47</sup>
1 l	6	<b>3681</b> <sup>71</sup>
1 l	6	<b>20460</b> <sup>255</sup>
5 l	4	<b>3682</b> <sup>71</sup>
20 l	1	<b>3683</b> <sup>71</sup>
60 l	1	<b>3684</b> <sup>34</sup>
205 l	1	<b>3685</b> <sup>34</sup>

**Top Tec ATF 1200 G**

Synthetic technology automatic transmission oil of the latest generation. Prevents build-up of harmful deposits. Arrive at your destination faster and safer with maximum transmission performance and power reserves. Exceeds the highest test requirements demanded by renowned manufacturers. Ensures exact friction behavior and guarantees outstanding ageing resistance. Highest lubrication security under all conditions. Secures the functional performance of the aggregate and ensures long service life. With advanced wear-protection technology.

Specifications and approvals: Allison C4, Dexron III H, Ford Mercon V, Honda ATF Z1 (except CVT), Hyundai SP-II, Hyundai SP-III, JASO 1-A, Kia SP-II, Kia SP-III, Mazda ATF M-III, Mazda ATF M-V, Mitsubishi SP-II, Mitsubishi SP-III, Nissan AT-Matic J Fluid, Nissan AT-Matic K Fluid, Nissan AT-Matic D Fluid, Toyota Type T-II, Toyota Type T-IV

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Allison TES 295, BMW 7045 E, BMW 8072 B, BMW LA 2634, BMW LT 71141, Caterpillar TO-2, Chrysler ATF +3, Chrysler ATF +4, Daimler NAG-1, JWS 3309 (Aisin Warner), MAN 339 Typ V1, MAN 339 Typ Z1, MAN 339 Typ Z2, MB 236.2, MB 236.5, MB 236.6, MB 236.7, MB 236.9, MB 236.10, MB 236.11, MB 236.91, Subaru ATF, Voith H55.6335.XX (G 607), Volvo 97340, Volvo 97341, VW G 052 162, VW G 055 025, VW G 052 990, ZF TE-ML 02F, ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 05L, ZF TE-ML 09, ZF TE-ML 11A, ZF TE-ML 11B, ZF TE-ML 14A, ZF TE-ML 14B, ZF TE-ML 17C

For automatic transmissions, manual shift transmission, steering systems, hydraulic and lateral drives both in the car and in the commercial vehicle sector. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

1 l	6	<b>9703</b> <sup>47</sup>
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**Top Tec ATF 1300**

Mineral automatic transmission oil; was developed based on the highest requirements. LIQUI MOLY recommends this product for vehicles and aggregates that require these specifications: Ford ESW-M2C 33F / ESW-M2C 33 G and Volvo 97330. For vehicles with proven transmission technology. Excellent wear protection and favorable friction behavior. Provides extremely good lubrication properties and outstanding corrosion protection. Prevents frothing.

Specifications and approvals: Ford ESW-M2C 33-F, Ford ESW-M2C 33-G

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Volvo 97330

Specifically developed for older generation Ford automatic transmissions and steering gears. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

1 l	6	<b>3691</b> <sup>71</sup>
20 l	1	<b>3698</b> <sup>71</sup>
60 l	1	<b>20613</b> <sup>34</sup>

**Top Tec ATF 1400**

Synthetic technology automatic transmission oil from the latest generation with extremely high power reserves. Prevents the build-up of harmful deposits and permanently maintains transmission performance. Ensures optimal friction behavior and guarantees outstanding ageing resistance. Secures the functional performance of the aggregate and ensures the maximum service life. Exceeds the highest requirements specified by renowned vehicle and aggregate manufacturers.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Dodge CVTF+4, Dodge NS-2, Ford CVT23, Ford CVT30, Ford Mercon C, GM/Saturn DEX-CVT, Honda HCF2, Honda HMMF, Hyundai SP-CVT 1, Jeep CVTF+4, Jeep NS-2, Kia SP-CVT 1, MB 236.20, Mini Cooper (E2L 799), Mitsubishi CVTF-J1, Mitsubishi CVTF-J4, Nissan CVT NS-2 Fluid, Nissan CVT NS-3 Fluid, Subaru E-CVT, Subaru High Torque CVTF, Subaru Lineartronic CV-30, Subaru Lineartronic CVTF, Subaru Lineartronic CVTF II, Subaru NS-2, Suzuki CVT Green1, Suzuki CVT Green2, Suzuki NS-2, Suzuki TC, Toyota CVTF FE, Toyota TC, VW G 052 180, VW G 052 516

For latest generation CVT transmissions with steel thrust belt or traction chain. Proven and tested in Mercedes-Benz A-Class and B-Class transmissions, in Audi Multitronic transmissions and in numerous other vehicles. Comply with the vehicle or aggregate manufacturer's instructions.

1 l	6	<b>3662</b> <sup>71</sup>
1 l	6	<b>3669</b> <sup>97</sup>
20 l	1	<b>3692</b> <sup>71</sup>
60 l	1	<b>20614</b> <sup>34</sup>
205 l	1	<b>3661</b> <sup>34</sup>

For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

<sup>34</sup> D-GB <sup>47</sup> D-GB-F-ARAB <sup>71</sup> D-GB-I-E-P <sup>97</sup> D-NL-F-GR-ARAB <sup>255</sup> PL-H-R0-TR

Fully synthetic  
Synthetic technology  
Semi synthetic  
Mineral-based



## Automatic transmission/steering gear oils

**Top Tec ATF 1600**

Synthetic technology automatic transmission oil from the latest generation with extremely high performance reserves. Excellent ageing stability. Secures maximum transmission performance. Ensures optimal friction behavior and guarantees outstanding ageing resistance. Even under the toughest conditions and during large temperature fluctuations, it provides flawless hydraulic gear functioning. Especially suitable for shifting problems. With improved formula for long transmission life. Enables extremely long oil change intervals.

Specifications and approvals: MB-Approval 236.14

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MB 236.12

## Area of use

Developed for the latest Mercedes-Benz 7-speed automatic transmission generation and downward compatible to all older Mercedes-Benz 5-speed automatic transmissions. Comply with the vehicle or aggregate manufacturer's instructions.

Cont.	Packaging Unit	Part no.
1 l	6	3659 <sup>71</sup>
1 l	6	3670 <sup>97</sup>
5 l	4	21176 <sup>71</sup>
20 l	1	3694 <sup>71</sup>
60 l	1	3696 <sup>34</sup>

**Top Tec ATF 1700**

Fully synthetic automatic transmission oil with extremely high performance reserves. Provides high thermal stability, ensuring ideal ageing resistance. Secures maximum transmission performance. Excellent wear protection and favorable friction behavior. Guarantees maximum performance even with the longest oil-change intervals.

Specifications and approvals: Allison C4, MAN 339 Typ V2, MAN 339 Typ Z12, Voith H55.6336.XX (G 1363 alt), ZF TE-ML 16S, ZF TE-ML 20C, ZF TE-ML 25C, ZF approval number ZF006000

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MAN 339 Typ Z3, MB 236.81, ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 14C, ZF TE-ML 16M, ZF TE-ML 17C

Was developed primarily for use in commercial vehicle-, bus-, van automatic transmissions. Additional applications in part in hydraulic systems etc. Comply with the vehicle or aggregate manufacturer instructions.

1 l	6	3663 <sup>71</sup>
20 l	1	3695 <sup>71</sup>
60 l	1	3671 <sup>34</sup>
205 l	1	3697 <sup>34</sup>

**Top Tec ATF 1800**

Low-viscosity high-performance oil of the new generation for automatic transmissions. It is based on synthesis technology with modern, high-performance additives. Aside from excellent ageing and oxidation stability, optimal shifting is guaranteed under all operating conditions thanks to the extremely high viscosity index. It enables long oil change intervals.

Specifications and approvals: Dexron VI, Ford Mercon LV

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Aisin Warner AW-1, BMW 83 22 0 142 516, BMW 83 22 2 152 426, BMW 83 22 2 289 720, BMW 83 22 2 305 396, BMW 83 22 2 305 397, BMW 83 22 2 355 599, BMW M-1375.4, Fiat 9.55550-AV5, Honda ATF 3.1, Honda DW-1, Hyundai SP-IV, Hyundai SP-IV-RR, Isuzu ATF WSI, JASO 1A-LV, JWS 3324 (Aisin Warner), Land Rover TYK 500050, Mazda ATF FZ, MB 236.12, MB 236.14, Mitsubishi Dia Queen ATF-MA1, Mitsubishi Dia Queen ATF-PA, Nissan AT-Matic S Fluid, Nissan Matic P, Toyota WS, VW G 055 005, VW G 055 162, VW G 055 540, VW G 060 162

For automatic transmissions of various manufacturers such as Aisin Warner, ZF etc., which are installed in vehicles of Audi, BMW, Jaguar, Land Rover, Mercedes-Benz, Porsche, VW, Volvo etc. Meets further manufacturer requirements.

1 l	6	3687 <sup>71</sup>
1 l	6	9704 <sup>47</sup>
1 l	6	20461 <sup>255</sup>
5 l	4	20662 <sup>71</sup>
20 l	1	3688 <sup>71</sup>
60 l	1	3689 <sup>34</sup>
205 l	1	20624 <sup>34</sup>

**Top Tec ATF 1800 R**

Low-viscosity high-performance oil of the new generation for automatic transmissions. It is based on synthesis technology with modern, high-performance additives. Aside from excellent ageing and oxidation stability, optimal shifting is guaranteed under all operating conditions thanks to the extremely high viscosity index. It enables long oil change intervals.

Specifications and approvals: Dexron VI, Ford Mercon LV

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Aisin Warner AW-1, BMW 83 22 0 142 516, BMW 83 22 2 152 426, BMW 83 22 2 289 720, BMW 83 22 2 305 396, BMW 83 22 2 305 397, BMW 83 22 2 355 599, BMW M-1375.4, Fiat 9.55550-AV5, Honda ATF 3.1, Honda DW-1, Hyundai SP-IV, Hyundai SP-IV-RR, Isuzu ATF WSI, JASO 1A-LV, JWS 3324 (Aisin Warner), Land Rover TYK 500050, Mazda ATF FZ, MB 236.12, MB 236.14, Mitsubishi Dia Queen ATF-MA1, Mitsubishi Dia Queen ATF-PA, Nissan AT-Matic S Fluid, Nissan Matic P, Toyota WS, VW G 055 005, VW G 055 162, VW G 055 540, VW G 060 162

For automatic transmissions of various manufacturers such as Aisin Warner, ZF etc., which are installed in vehicles of Audi, BMW, Jaguar, Land Rover, Mercedes-Benz, Porsche, VW, Volvo etc. Meets further manufacturer requirements.

1 l	6	20625 <sup>71</sup>
5 l	4	21453 <sup>47</sup>
20 l	1	20982 <sup>71</sup>
60 l	1	21206 <sup>34</sup>
205 l	1	21152 <sup>34</sup>

**Top Tec ATF 1850**

Low-viscosity high-performance oil of the new generation for automatic transmissions. It is based on synthesis technology with modern, high-performance additives. Aside from excellent ageing and oxidation stability, optimal shifting is guaranteed under all operating conditions thanks to the extremely high viscosity index. It enables long oil change intervals.

Specifications and approvals: Dexron ULV, Ford Mercon ULV

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Ford WSS-M2C 949-A

Developed for 6, 8 and 10-speed automatic transmissions as well as differential electric drives which are installed in various vehicles from Cadillac, Chevrolet, Ford, GMC and Lincoln.

1 l	6	21738 <sup>71</sup>
20 l	1	21739 <sup>71</sup>

**NEW****Top Tec ATF 1900**

High-performance oil for automatic transmissions. It is based on selected basic oils and modern, high-performance additives. The low viscosity helps to reduce the fuel consumption and increases the efficiency. The excellent stability of the friction coefficient enables extended oil change intervals.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MB 236.15

Developed for Mercedes-Benz 7-speed automatic transmissions of type 722.9 and 724.2 (hybrid).

1 l	6	3648 <sup>71</sup>
1 l	6	21683 <sup>141</sup>
20 l	1	3649 <sup>71</sup>
60 l	1	20615 <sup>34</sup>

For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

Fully synthetic  
Synthetic technology  
Semi synthetic  
Mineral-based

## Automatic transmission/steering gear oils

**Top Tec ATF 1950**

ATF for ideal performance thanks to a premium combination of active agents. The lowered viscosity reduces consumption and increases efficiency. The outstanding stability of the friction coefficient enables extended oil change intervals.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MB 236.17

## Area of use

For the new generation of the Mercedes-Benz 9-speed automatic transmissions, model 725.0/1.

Cont.	Packaging Unit	Part no.
1 l	6	21378 <sup>263</sup>
20 l	1	21379 <sup>13</sup>

**Steering Gear Oil 3100**

Mineral hydraulic oil specifically developed based on the highest requirements demanded by Mercedes-Benz in accordance with the MB-approval 236.3 standard. Provides high thermal stability, ensuring ideal ageing resistance. Maximum wear protection and favorable friction behavior. Has outstanding low-temperature behavior. With increased corrosion-protection component proportion.

Specifications and approvals: Dexron II D, DTFR 38B100 (236.3), MB-Approval 236.3

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: VW G 009 300, ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 09, ZF TE-ML 11, ZF TE-ML 14A, ZF TE-ML 17C

Can be used in both mechanical steering systems and in power steering in numerous Mercedes-Benz vehicles. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

1 l	6	1145 <sup>71</sup>
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## Multi-disc clutch/central hydraulic oils

**Multi-disc Clutch Oil**

High-performance gear oil specially developed for Haldex all-wheel drive, Quattro and 4motion drives with excellent viscosity index as well as excellent shear stability and outstanding friction coefficient under all operating conditions. Protects reliably against wear, foaming and corrosion. Ensures optimum power transmission on all-wheel drive vehicles.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: GM, Opel, Volvo, VW G 052 175 (TL 52175), VW G 055 175 (TL 52175-X), VW G 060 175 (TL 52175-Y)

For all-wheel drive systems with Haldex couplings from Audi, Opel, Seat, Škoda, Volkswagen and Volvo.

1 l	6	21419 <sup>71</sup>
1 l	6	21658 <sup>141</sup>

**Central Hydraulic System Oil**

LIQUI MOLY central hydraulic system oils meet the highest technical requirements and are suitable for a wide range of automotive applications. The carefully selected formulations made from the best raw materials ensure excellent temperature properties and guarantee the full function of the systems even at the lowest temperatures of up to -45 °C. All central hydraulic system oils are impressive thanks to excellent wear, aging and corrosion protection as well as optimum friction values and minimal foaming tendency.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: BMW 81 22 9 407 758, Fiat 9.55550-AG3, Ford WSS-M2C 204-A, MAN M 3289, MB 345.0, Opel 1940 766, VW G 002 000, VW G 004 000, ZF TE-ML 02K

This synthetic hydraulic fluid with ash-free additives is ideally suited for steering systems, electro-hydraulic convertible tops, level controls, hydropneumatic suspensions, damping systems, cab tilting devices, etc.

1 l	6	1127 <sup>71</sup>
1 l	6	1158 <sup>97</sup>
1 l	6	2366 <sup>141</sup>
1 l	6	8184 <sup>27</sup>
1 l	6	9524 <sup>47</sup>
1 l	6	20468 <sup>255</sup>
20 l	1	1147 <sup>71</sup>
60 l	1	1148 <sup>34</sup>

**Central Hydraulic System Oil 2200**

LIQUI MOLY central hydraulic system oils meet the highest technical requirements and are suitable for a wide range of automotive applications. The carefully selected formulations made from the best raw materials ensure excellent temperature properties and guarantee the full function of the systems even at the lowest temperatures of up to -45 °C. All central hydraulic system oils are impressive thanks to excellent wear, aging and corrosion protection as well as optimum friction values and minimal foaming tendency.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MB 344.0

This semi-synthetic hydraulic fluid is specially adapted to the requirements of Mercedes-Benz and is primarily suitable for vehicles of types 203.2 and 210 with tandem pumps (common oil reservoir for steering and level control). The specifications and instructions from the assembly or vehicle manufacturer must be followed. Central hydraulic oil 2200 can also be used for refilling in systems. Optimum effect only when the product is used unmixed. The instructions of the vehicle-/aggregate manufacturer are to be followed!

1 l	6	3664 <sup>71</sup>
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**Central Hydraulic System Oil 2300**

LIQUI MOLY central hydraulic system oils meet the highest technical requirements and are suitable for a wide range of automotive applications. The carefully selected formulations made from the best raw materials ensure excellent temperature properties and guarantee the full function of the systems even at the lowest temperatures of up to -45 °C. All central hydraulic system oils are impressive thanks to excellent wear, aging and corrosion protection as well as optimum friction values and minimal foaming tendency.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MB 343.0

This mineral hydraulic fluid is specially adapted to the requirements of Mercedes-Benz and is suitable for systems such as level controls, hydropneumatic suspensions and ALD, 4Matic and soft top hydraulic systems.

1 l	6	3665 <sup>71</sup>
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For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

<sup>13</sup> BOOKLET <sup>27</sup> D-F-I <sup>34</sup> D-GB <sup>47</sup> D-GB-F-ARAB <sup>71</sup> D-GB-I-E-P <sup>97</sup> D-NL-F-GR-ARAB <sup>141</sup> GB-DK-FIN-N-S <sup>255</sup> PL-H-RO-TR <sup>263</sup> D-I-E-P

Fully synthetic  
Synthetic technology  
Semi synthetic  
Mineral-based





## Multi-disc clutch/central hydraulic oils

**Central Hydraulic System Oil 2400**

LIQUI MOLY central hydraulic system oils meet the highest technical requirements and are suitable for a wide range of automotive applications. The carefully selected formulations made from the best raw materials ensure excellent temperature properties and guarantee the full function of the systems even at the lowest temperatures of up to -45 °C. All central hydraulic system oils are impressive thanks to excellent wear, aging and corrosion protection as well as optimum friction values and minimal foaming tendency.

Specifications and approvals: ISO 7308

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: IVECO 18-1823 Klasse 1, LHM-Plus, Peugeot Citroën (PSA) B71 2710

## Area of use

This mineral hydraulic fluid is specially adapted to the requirements of the Peugeot/Citroën PSA Group and is suitable for systems such as hydraulic brakes, level controls, steering systems, etc. Miscible with older, mineral LHM formulations. Depending on the manufacturer's specifications, also required in commercial vehicles for trailing axle lifting devices and cab tilting devices.

Cont.	Packaging Unit	Part no.
1 l	6	3666 <sup>71</sup>
1 l	6	20979 <sup>141</sup>

**Central Hydraulic System Oil 2500**

LIQUI MOLY central hydraulic system oils meet the highest technical requirements and are suitable for a wide range of automotive applications. The carefully selected formulations made from the best raw materials ensure excellent temperature properties and guarantee the full function of the systems even at the lowest temperatures of up to -45 °C. All central hydraulic system oils are impressive thanks to excellent wear, aging and corrosion protection as well as optimum friction values and minimal foaming tendency.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: LDS, Peugeot Citroën (PSA) S71 2710, Renault PSF Class 1

This synthetic hydraulic fluid with ash-free additives is specially adapted to the requirements of the Peugeot/Citroën PSA Group and is suitable for systems such as hydraulic brakes, level controls, steering systems, etc. Depending on the manufacturer's specifications, also required in commercial vehicles for trailing axle lifting devices and cab tilting devices.

1 l	6	3667 <sup>71</sup>
1 l	6	20980 <sup>141</sup>

**Central Hydraulic System Oil 2600**

LIQUI MOLY central hydraulic system oils meet the highest technical requirements and are suitable for a wide range of automotive applications. The carefully selected formulations made from the best raw materials ensure excellent temperature properties and guarantee the full function of the systems even at the lowest temperatures of up to -45 °C. All central hydraulic system oils are impressive thanks to excellent wear, aging and corrosion protection as well as optimum friction values and minimal foaming tendency.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Chrysler MS-1872, Chrysler MS-5391, Chrysler MS-11655, Ford WSA-M2C 195-A, GM 88901975, GM 89021184, GM 9985010, GM 9985835, Hyundai PSF-3, Hyundai PSF-4, Kia PSF-3, Kia PSF-4, MB 236.3, Mitsubishi PS Fluid, Nissan PSF-II, Opel B 040 2012, Saab 30 09 800, Saab 30 32 380, Saab 93160548, Subaru K0209A0080, Toyota Type EH 008886-01, Volvo 1161529, Volvo 30741424

This synthetic hydraulic fluid with ash-free additives is suitable for steering systems, level controls, hydropneumatic suspensions and damping systems.

1 l	6	21603 <sup>71</sup>
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## Manual transmission/hypoid transmission/transfer case fluids

**Top Tec MTF 5300 70W-75W**

Fully synthetic, low-viscosity high-performance transmission fluid. Thanks to excellent shear stability, offers high potential fuel savings and optimum wear protection. Ensures outstanding shifting comfort under all operating conditions thanks to the good viscosity-temperature properties.

Specifications and approvals: API GL4

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: VW G 052 171, VW G 052 527

Used especially for manual and automated manual transmissions (DSG). Recommended particularly for use in vehicles from Audi, Seat, Škoda and Volkswagen.

1 l	6	21359 <sup>71</sup>
20 l	1	21360 <sup>13</sup>
60 l	1	21361 <sup>34</sup>

**Top Tec MTF 5100 75W**

Low-viscosity high-performance transmission fluid. Thanks to excellent shear stability, offers high potential fuel savings and optimum wear protection. Ensures outstanding shifting comfort under all operating conditions thanks to the good viscosity-temperature properties.

Specifications and approvals: API GL4

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: BMW 83 22 7 533 818, BMW MTF LT-3, Fiat 9.55550-MZ6, Ford WSS-M2C 200-D2, Peugeot Citroën (B71) 2310, Toyota, VW G 052 178, VW G 052 512, VW G 052 726, VW G 055 512, VW G 060 726, VW G 070 726

Used especially for manual and automated manual transmissions (DSG). Recommended particularly for use in vehicles from Audi, BMW, Fiat, Ford, Seat, Škoda, Volkswagen, etc.

1 l	6	20842 <sup>71</sup>
1 l	6	21682 <sup>141</sup>
20 l	1	20843 <sup>34</sup>
60 l	1	20844 <sup>34</sup>

For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

Fully synthetic   
Synthetic technology   
Semi synthetic   
Mineral-based

## Manual transmission/hypoid transmission/transfer case fluids

**Top Tec MTF 5200 75W-80**

Low-viscosity high-performance transmission fluid with excellent high pressure and wear protection properties. Multi-purpose. Reduces friction, lowers fuel consumption and emissions and ensures smooth shifting operations. The outstanding thermal and oxidative stability guarantees a clean transmission and a long oil service life.

Specifications and approvals: API GL4

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: BMW 83 22 0 309 031, BMW 83 22 0 403 247, BMW MTF LT-2, BMW MTF LT-4, Ford WSD-M2C 200-C, GM 1940764, GM 1940768, Nissan MT-XZ, Nissan MT-XZ TL (JR Type), Peugeot Citroën (PSA) B71 2330, Special Honda MTF-II, Toyota, Volvo 97308

## Area of use

Developed for use in transaxles, manual transmissions and transfer cases. Recommended particularly for BMW, Ford, GM/Opel, Honda, Nissan, Toyota/Peugeot/Citroën (PSA), Volvo and vehicles from other manufacturers.

Cont.	Packaging Unit	Part no.
1 l	6	<b>20845</b> <sup>71</sup>
20 l	1	<b>20846</b> <sup>71</sup>
60 l	1	<b>20847</b> <sup>34</sup>

**Top Tec MTF 5400 75W-90**

Versatile transmission fluid based on synthetic technology. Offers large power reserves and exceeds the high test requirements of renowned vehicle manufacturers. Ensures that assemblies function perfectly, even under the most extreme operating conditions and when exposed to large temperature fluctuations. Reliable lubrication, optimum protection against wear and reduced transmission noise. Allows long oil change intervals.

Specifications and approvals: API GL4

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: BMW MTF LT-4, Ford ESD-M2C 175-A, Ford ESD-M2C 186-A, Ford WSD-M2C 200-C, MB 235.72, VW 501 50, VW G 005 000, VW G 052 145, VW G 052 157, VW G 052 190, VW G 052 911, VW G 50, VW G 51

For use in high-load manual, transaxle, auxiliary and differential transmissions. Especially recommended for use in vehicles from Audi, BMW, Ford, Mercedes-Benz, Seat, Škoda and Volkswagen, as well as for vehicles from other manufacturers.

1 l	6	<b>21791</b> <sup>71</sup>
20 l	1	<b>21792</b> <sup>71</sup>
60 l	1	<b>21793</b> <sup>34</sup>

**NEW****High Performance Gear Oil (GL3+) SAE 75W-80**

Gear oil based on synthesis technology with extremely high performance reserves. Ensures exact friction behavior and provides outstanding ageing resistance. Exceeds the tough test requirements demanded by renowned manufacturers. Guarantees maximum performance even with long oil-change intervals. With advanced wear-protection technology. Enables smooth shifting.

Specifications and approvals: API GL3+

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, Eaton Extended Drain (300.000 km), IVECO, MAN 341 Typ E3, MAN 341 Typ Z3, Renault Trucks, Volvo 97305, ZF TE-ML 02D, ZF TE-ML 08

Universal use for the latest manual and transaxle transmissions. LIQUI MOLY recommends this product for vehicles from BMW, Mercedes-Benz, Opel and numerous other manufacturers. Comply with the vehicle or aggregate manufacturer's instructions.

500 ml	6	<b>4426</b> <sup>71</sup>
1 l	6	<b>1134</b> <sup>97</sup>
1 l	6	<b>4427</b> <sup>71</sup>
1 l	6	<b>20464</b> <sup>255</sup>
20 l	1	<b>4428</b> <sup>71</sup>
60 l	1	<b>4429</b> <sup>34</sup>

**Gear Oil (GL4) SAE 80W**

Mineral transmission oil. For vehicles with tried and tested transmission technology. Provides a stable lubricating film. Minimizes wear. Provides extremely good lubrication properties and outstanding corrosion protection. Enables smooth shifting.

Specifications and approvals: API GL4, MB-Approval 235.1, MIL-L 2105, ZF TE-ML 17A, ZF approval number ZF000694

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MAN 341 Typ E1, MAN 341 Typ Z2

For manual, auxiliary and axle drive transmissions with normal to high loading. Comply with the vehicle or aggregate manufacturer's instructions.

500 ml	6	<b>1401</b> <sup>71</sup>
1 l	6	<b>1020</b> <sup>71</sup>
20 l	1	<b>1033</b> <sup>71</sup>
60 l	1	<b>1039</b> <sup>34</sup>
205 l	1	<b>4718</b> <sup>34</sup>

**Gear Oil (GL4) SAE 85W-90**

Mineral transmission oil for vehicles with tried and tested transmission technology. Provides a stable lubricating film. Minimizes wear. Provides extremely good lubrication properties and outstanding corrosion protection. Enables smooth shifting.

Specifications and approvals: API GL4, MIL-L 2105, ZF TE-ML 16A, ZF TE-ML 17A, ZF TE-ML 19A, ZF approval number ZF002054

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MAN 341 Typ E1, MAN 341 Typ Z2

For manual, auxiliary and axle drive transmissions with normal to high loading. Comply with the vehicle or aggregate manufacturer's instructions.

500 ml	6	<b>1403</b> <sup>71</sup>
1 l	6	<b>1030</b> <sup>71</sup>
1 l	6	<b>8954</b> <sup>97</sup>
20 l	1	<b>1045</b> <sup>71</sup>
60 l	1	<b>1034</b> <sup>34</sup>

**Multipurpose Gear Oil (GL4) SAE 140**

High performance gear oil with a wide range of applications for stress across the tooth face. Contains top quality mineral base oil with the addition of a balanced combination of agents. This guarantees a high load-bearing capacity, protection against wear and oxidation stability in accordance with API classification GL4.

Specifications and approvals: API GL4, MIL-L 2105

Gear oils of this type are recommended by automotive and transmission manufacturers for use in synchronized and non-synchronized manual transmissions, engines in construction equipment, agricultural machinery, tractor units and axle drives in standard operations, where an API GL4-compliant gear oil is required.

20 l	1	<b>4772</b> <sup>34</sup>
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For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

<sup>34</sup> D-GB <sup>71</sup> D-GB-I-E-P <sup>97</sup> D-NL-F-GR-ARAB <sup>255</sup> PL-H-RO-TR

Fully synthetic  
Synthetic technology  
Semi synthetic  
Mineral-based



## GEAR OILS



## Manual transmission/hypoid transmission/transfer case fluids

**High Performance Gear Oil (GL4+) SAE 75W-90**

Full synthetic transmission oil. Ensures exact friction behavior and provides outstanding ageing resistance. Exceeds the tough test requirements demanded by renowned manufacturers. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Greatest lubrication security, maximum wear protection through large viscosity bandwidth. Ensures easy shifting and smoothest running.

Specifications and approvals: API GL4+, Ford ESD-M2C 175-A

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: VW 501 50 (G50), ZF TE-ML 08

## Area of use

Universal use for the latest manual and transaxle transmissions. LIQUI MOLY recommends this product for vehicles from Audi, Ford EU, the VW-Group and numerous other manufacturers. Comply with the vehicle or aggregate manufacturer's instructions.

Cont.	Packaging Unit	Part no.
500 ml	6	4433 <sup>71</sup>
1 l	6	1125 <sup>97</sup>
1 l	6	4434 <sup>71</sup>
1 l	6	8180 <sup>27</sup>
1 l	6	20462 <sup>255</sup>
20 l	1	4435 <sup>71</sup>
60 l	1	4436 <sup>34</sup>

**Fully Synthetic Hypoid Gear Oil (GL4/5) 75W-90**

Fully synthetic hypoid gear oil with extremely high performance reserves. Exceeds the highest test requirements of well-known vehicle manufacturers. Ensures assemblies function perfectly, even under extreme operating conditions and when exposed to large temperature fluctuations. Offers high lubrication reliability and optimal wear protection. Has excellent low temperature behavior, reduces transmission noise and enables very long oil change intervals.

Specifications and approvals: API GL4, API GL5, API MT-1

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: BMW 83 22 2 365 987, BMW Synthetic OSP, MB 235.8, MIL-PRF 2105 E, SAE J 2360, Volvo 97312, ZF TE-ML 02B, ZF TE-ML 05A, ZF TE-ML 12L, ZF TE-ML 12N, ZF TE-ML 16F, ZF TE-ML 17B, ZF TE-ML 19C, ZF TE-ML 21A

Universal gear oil for manual, auxiliary and differential transmissions without locking differential. Note the vehicle or unit manufacturer's instructions!

1 l	6	1024 <sup>71</sup>
20 l	1	20956 <sup>71</sup>

**Hypoid Gear Oil (GL4/5) TDL SAE 75W-90**

Semi-synthetic hypoid gear oil with extremely high performance reserves. Excellent ageing stability. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Minimizes wear. Outstanding viscosity temperature behavior. Enables long oil change intervals.

Specifications and approvals: API GL4, API GL5, API MT-1

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, Eaton, MAN M 3343 Typ M, Scania ST0 1:0, ZF TE-ML 02B, ZF TE-ML 08, ZF TE-ML 16B, ZF TE-ML 17B, ZF TE-ML 19B

Specifically developed for use in commercial vehicles. Universal use TDL oil (total drive line) for shift, auxiliary and differential transmissions without limited-slip differentials. Comply with the vehicle or aggregate manufacturer's instructions.

500 ml	6	1406 <sup>71</sup>
1 l	6	1407 <sup>71</sup>
1 l	6	2655 <sup>255</sup>
20 l	1	1408 <sup>71</sup>
60 l	1	4708 <sup>34</sup>
205 l	1	4709 <sup>34</sup>

**Hypoid Gear Oil (GL4/5) TDL SAE 80W-90**

Mineral hypoid gear oil with extremely high performance reserves. Excellent ageing stability. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Minimizes wear. Outstanding viscosity temperature behavior. Enables long oil change intervals.

Specifications and approvals: API GL4, API GL5, API MT-1, MAN 341 Typ E2, MAN 341 Typ Z2, MAN 342 Typ M2, MIL-L 2105 D, MIL-PRF 2105 E, ZF TE-ML 02B, ZF TE-ML 05A, ZF TE-ML 12L, ZF TE-ML 12M, ZF TE-ML 16B, ZF TE-ML 17H, ZF TE-ML 19B, ZF TE-ML 21A, ZF approval number ZF001323

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, Eaton, MB 235.0, Scania ST0 1:0, Volvo 97310, ZF TE-ML 17B

Specifically developed for use in commercial vehicles. Universal use TDL oil (total drive line) for shift, auxiliary and differential transmissions without limited-slip differentials. Comply with the vehicle or aggregate manufacturer's instructions.

1 l	6	20645 <sup>71</sup>
20 l	1	4218 <sup>71</sup>
60 l	1	4705 <sup>34</sup>
205 l	1	4721 <sup>34</sup>

**Gear Oil (GL5) 75W-80**

Semi-synthetic gear oil with extremely high performance reserves. Ensures exact friction behavior and provides outstanding ageing resistance. Has outstanding low-temperature behavior. Exceeds the tough test requirements demanded by renowned manufacturers. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Provides great lubrication security along with ideal wear protection. Enables smooth shifting.

Specifications and approvals: API GL5, MIL-L 2105 C

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Peugeot Citroen (PSA) B71 2315, Peugeot Citroen (PSA) B71 2330

For the latest manual and transaxle transmissions – especially from Citroën and Peugeot. Comply with the vehicle or aggregate manufacturer's instructions.

1 l	6	3658 <sup>71</sup>
1 l	6	20463 <sup>255</sup>
20 l	1	3690 <sup>34</sup>
205 l	1	21457 <sup>34</sup>

**Fully Synthetic Gear Oil (GL5) SAE 75W-90**

Full synthetic transmission oil. Ensures exact friction behavior and provides outstanding ageing resistance. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Greatest lubrication security, maximum wear protection through large viscosity bandwidth. Facilitates easy shifting and smoothest running.

Specifications and approvals: API GL5, MIL-L 2105 C, MIL-L 2105 D

For highly stressed manual and auxiliary transmissions – especially for modern transaxle systems and axle drives without limited-slip differentials. Comply with the vehicle or aggregate manufacturer's instructions.

500 ml	6	1413 <sup>71</sup>
1 l	6	1414 <sup>71</sup>
1 l	6	2183 <sup>255</sup>
1 l	6	8505 <sup>27</sup>
1 l	6	8967 <sup>97</sup>
20 l	1	1415 <sup>71</sup>
60 l	1	1412 <sup>34</sup>
205 l	1	1411 <sup>34</sup>

For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

Fully synthetic   
Synthetic technology   
Semi synthetic   
Mineral-based



## Manual transmission/hypoid transmission/transfer case fluids

**Hypoid Gear Oil (GL5) SAE 80W**

Mineral low-viscosity hypoid gear oil. For vehicles with tried and tested transmission technology. Guarantees the greatest safety reserves under critical conditions. Provides a stable lubricating film and minimizes wear.

Specifications and approvals: API GL5, MIL-L 2105 D

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MAN 342 Typ M1, Volvo 97314, ZF TE-ML 17B

## Area of use

For highly stressed vehicle transmissions without limited-slip differentials, especially axle drives with hypoid gears. Comply with the vehicle or aggregate manufacturer's instructions.

Cont.	Packaging Unit	Part no.
500 ml	6	1402 <sup>71</sup>
1 l	6	1025 <sup>71</sup>
20 l	1	1046 <sup>71</sup>

**Hypoid Gear Oil (GL5) SAE 80W-90**

Mineral low-viscosity hypoid gear oil. For vehicles with tried and tested transmission technology. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Provides a stable lubricating film. Provides great lubrication security along with ideal wear protection.

Specifications and approvals: API GL5, MIL-L 2105 C, MIL-L 2105 D, ZF TE-ML 16B, ZF TE-ML 17B, ZF TE-ML 19B, ZF TE-ML 21A, ZF approval number ZF002053

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MAN 342 Typ M1, MB 235.0

For highly stressed vehicle transmissions without limited-slip differentials, especially axle drives with hypoid gears. Comply with the vehicle or aggregate manufacturer's instructions.

1 l	6	4406 <sup>71</sup>
20 l	1	1048 <sup>71</sup>
60 l	1	3592 <sup>34</sup>

**Hypoid Gear Oil (GL5) SAE 85W-90**

Mineral low-viscosity hypoid gear oil. For vehicles with tried and tested transmission technology. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Provides a stable lubricating film. Provides great lubrication security along with ideal wear protection.

Specifications and approvals: API GL5, DTFR 12B100 (235.0), MB-Approval 235.0, MIL-L 2105 D, ZF TE-ML 16C, ZF TE-ML 17B, ZF TE-ML 19B, ZF TE-ML 21A, ZF approval number ZF000695

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MAN 342 Typ M1

For highly stressed vehicle transmissions without limited-slip differentials, especially axle drives with hypoid gears. Comply with the vehicle or aggregate manufacturer's instructions.

500 ml	6	1404 <sup>71</sup>
1 l	6	1035 <sup>71</sup>
1 l	6	8968 <sup>97</sup>
1 l	6	20465 <sup>255</sup>
20 l	1	1047 <sup>71</sup>
60 l	1	1031 <sup>34</sup>
205 l	1	2165 <sup>34</sup>

**Hypoid Gear Oil (GL5) SAE 85W-140**

Mineral low-viscosity hypoid gear oil. For vehicles with tried and tested transmission technology. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Greatest lubrication security, maximum wear protection through large viscosity bandwidth. Outstanding viscosity temperature behavior. Reduces transmission noise.

Specifications and approvals: API GL5, MIL-L 2105 D, ZF TE-ML 16D, ZF TE-ML 21A, ZF approval number ZF005974

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: MIL-L 2105 C

For highly stressed vehicle transmissions without limited-slip differentials, especially axle drives with hypoid gears. Comply with the vehicle or aggregate manufacturer's instructions.

20 l	1	1027 <sup>71</sup>
60 l	1	3595 <sup>34</sup>
205 l	1	1028 <sup>34</sup>

**Hypoid Gear Oil (GL5) SAE 140**

Mineral low-viscosity hypoid gear oil. For vehicles with tried and tested transmission technology. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Provides a stable lubricating film. Provides great lubrication security along with ideal wear protection. Reduces transmission noise.

Specifications and approvals: API GL5, MIL-L 2105 D

For highly stressed vehicle transmissions without limited-slip differentials, especially axle drives with hypoid gears. Comply with the vehicle or aggregate manufacturer's instructions.

20 l	1	1055 <sup>71</sup>
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**Hypoid Gear Oil (GL5) LS SAE 85W-90**

Mineral low-viscosity hypoid gear oil. For vehicles with tried and tested transmission technology. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Provides a stable lubricating film. Provides great lubrication security along with ideal wear protection. Outstanding viscosity temperature behavior.

Specifications and approvals: API GL5, MIL-L 2105 D

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, GM B 40 1010, Volvo (Axles/limited slip differential), Volvo 97311, ZF TE-ML 05C, ZF TE-ML 21C

For highly stressed axle drives with and without limited-slip differentials – especially for vehicles in which the aggregate or vehicle manufacturer specifies oil with Limited Slip additives (LS). Comply with the vehicle or aggregate manufacturer's instructions.

1 l	6	1410 <sup>71</sup>
1 l	6	3660 <sup>97</sup>
20 l	1	4706 <sup>34</sup>
60 l	1	4707 <sup>34</sup>
205 l	1	3596 <sup>34</sup>

**Fully Synthetic Hypoid Gear Oil (GL5) LS SAE 75W-140**

Full synthetic hypoid transmission oil with extremely high performance reserves. Ensures exact friction behavior and provides outstanding ageing resistance. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Greatest lubrication security, maximum wear protection through large viscosity bandwidth. Reduces transmission noise. Enables maximum oil change intervals.

Specifications and approvals: API GL5

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: BMW rear-axle gear oil, Ford WSL-M2C 192-A, Scania STO 1:0, VME, ZF TE-ML 05D, ZF TE-ML 12D, ZF TE-ML 16G, ZF TE-ML 21D

For highly stressed axle drives with and without limited-slip differentials – especially for vehicles in which the aggregate or vehicle manufacturer specifies oil with Limited Slip additives (LS). Perfectly suitable for motorsports. Comply with the vehicle or aggregate manufacturer's instructions. LIQUI MOLY recommends this product especially for BMW axle drives.

500 ml	6	4420 <sup>71</sup>
1 l	6	1126 <sup>97</sup>
1 l	6	4421 <sup>71</sup>
20 l	1	4422 <sup>34</sup>
60 l	1	4423 <sup>34</sup>

For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

<sup>34</sup> D-GB <sup>71</sup> D-GB-I-E-P <sup>97</sup> D-NL-F-GR-ARAB <sup>255</sup> PL-H-RO-TR

Fully synthetic  
Synthetic technology  
Semi synthetic  
Mineral-based



## GEAR OILS



## Gear oils e-mobility

**Top Tec Gear EV 510**

Synthetic gear oil with powerful additive components. Offers outstanding aging and oxidation stability and has an excellent pressure-absorption capability.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Tesla

## Area of use

For electric vehicle transmissions that require a lubricant with this performance level. This type of lubricant is used in various Tesla models, for example.

Cont.	Packaging Unit	Part no.
1 l	6	21702 <sup>71</sup>

**Top Tec Gear EV 520**

The latest generation of low-viscosity high-performance transmission fluid based on synthetic technology. With modern, powerful additive components. Ensures outstanding aging and oxidation stability under all operating conditions. Has a very high viscosity index and enables long oil-change intervals.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Cadillac, Ford

A lubricant of this quality is required in the electric differential of various Ford and Cadillac vehicles.

1 l	6	21755 <sup>71</sup>
20 l	1	21756 <sup>71</sup>

## Gear oils classic vehicles

**Classic Transmission Oil SAE 90**

Mineral-based transmission oil specially designed for classic vehicles and motorcycles. Provides a stable lubricating film and minimizes wear. Offers very good lubrication properties and optimum corrosion protection. Enables smooth gearshifting.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: API GL1, API GL2, API GL3, Alfa Romeo, AMC, BMW, Jeep, Opel, Rolls-Royce, Volkswagen, Volvo

For manual transmissions of classic vehicles and motorcycles with a low load in which a transmission oil compliant with API GL1/GL2/GL3 is required.

1 l	6	20816 <sup>71</sup>
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**NEW****Classic Transmission Oil SAE 140**

Mineral-based transmission oil specially designed for classic vehicles and motorcycles. Provides a stable lubricating film and minimizes wear. Offers very good lubrication properties and optimum corrosion protection. Enables smooth gearshifting.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: API GL1, API GL2, API GL3

For transmissions in classic vehicles and motorcycles (especially manual transmissions) and axle drives with a low load in which a transmission oil compliant with API GL1/GL2/GL3 is required.

1 l	6	20817 <sup>71</sup>
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**NEW**





# Commercial vehicles



## COMMERCIAL VEHICLES



## Manual transmission/hypoid transmission/transfer case fluids

**Truck High Performance Gear Oil (GL3+) SAE 75W-80**

Gear oil based on synthesis technology with extremely high performance reserves. Ensures exact friction behavior and provides outstanding ageing resistance. Exceeds the tough test requirements demanded by renowned manufacturers. Guarantees maximum performance even with long oil-change intervals. With advanced wear-protection technology. Enables smooth shifting.

Specifications and approvals: API GL3+

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, Eaton Extended Drain (300.000 km), IVECO, MAN 341 Typ E3, MAN 341 Typ Z3, Renault Trucks, Volvo 97305, ZF TE-ML 02D, ZF TE-ML 08

## Area of use

Universal use for the latest manual and transaxle transmissions. LIQUI MOLY recommends this product for vehicles from Mercedes-Benz, MAN, DAF, Volvo, IVECO, Renault and numerous other manufacturers. Comply with the vehicle or aggregate manufacturer's instructions.

Cont.	Packaging Unit	Part no.
60 l	1	1159 <sup>34</sup>
205 l	1	1162 <sup>34</sup>

**Truck Gear Oil HC (GL4) 75W-80**

Efficient high-pressure transmission oil for use in manual transmissions under heavy loads (with and without retarders or intertarders), plus auxiliary transmissions. The high-quality basic oils (based on HC synthesis technology) and modern additive technology ensure a wide range of applications and optimal transmission lubrication under extreme conditions and at long oil change intervals (up to 320,000 km). Thanks to its low-friction characteristics, this oil can also be used in the event of transmission problems (e.g. stiff gear change) where high-viscosity/single-grade API GL4 oils are used, for example.

Specifications and approvals: API GL4, MAN 341 Typ Z4, ZF TE-ML 01L, ZF TE-ML 02L, ZF TE-ML 16K, ZF approval number ZF008329

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, Eaton Extended Drain (300.000 km), IVECO, MB 235.4, Renault Trucks, Volvo 97305, ZF TE-ML 08

For manual transmissions under extremely heavy loads (with and without retarders or intertarders) and auxiliary transmissions where a lubricant of this quality is required.

20 l	1	1202 <sup>34</sup>
60 l	1	1203 <sup>34</sup>
205 l	1	1210 <sup>34</sup>

**Truck Gear Oil (GL4) 75W-90**

The fully synthetic gear oil ensures an outstanding function of the units even under high temperature fluctuations. Wear is reduced to a minimum. Ensures an excellent efficiency of the transmission and maximum fuel savings. Suitable for the maximum oil change intervals.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: API GL4, MB 235.11

High performance gear oil for extended oil change intervals in commercial vehicle manual transmissions, especially for the Actros model series from Mercedes-Benz.

20 l	1	1446 <sup>34</sup>
60 l	1	1448 <sup>34</sup>

**Hypoid Gear Oil (GL4/5) TDL SAE 75W-90**

Semi-synthetic hypoid gear oil with extremely high performance reserves. Excellent ageing stability. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Minimizes wear. Outstanding viscosity temperature behavior. Enables long oil change intervals.

Specifications and approvals: API GL4, API GL5, API MT-1

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, Eaton, MAN M 3343 Typ M, Scania STO 1:0, ZF TE-ML 02B, ZF TE-ML 08, ZF TE-ML 16B, ZF TE-ML 17B, ZF TE-ML 19B

Specifically developed for use in commercial vehicles. Universal use TDL oil (total drive line) for shift, auxiliary and differential transmissions without limited-slip differentials. Comply with the vehicle or aggregate manufacturer's instructions.

500 ml	6	1406 <sup>71</sup>
1 l	6	1407 <sup>71</sup>
1 l	6	2655 <sup>255</sup>
20 l	1	1408 <sup>71</sup>
60 l	1	4708 <sup>34</sup>
205 l	1	4709 <sup>34</sup>

**Fully Synthetic Hypoid-Gear Oil Truck (GL4/5) 75W-90**

Full synthetic hypoid transmission oil with extremely high performance reserves. Exceeds the highest test requirements demanded by renowned manufacturers. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Provides great lubrication security along with ideal wear protection. Has outstanding low-temperature behavior. Reduces transmission noise. Enables extremely long oil change intervals.

Specifications and approvals: API GL4, API GL5, API MT-1, MAN 341 Typ Z2, MAN 342 Typ S1, MB-Approval 235.8, MIL-PRF 2105 E, Scania STO 2:0A, ZF TE-ML 02B, ZF TE-ML 05A, ZF TE-ML 12L, ZF TE-ML 12N, ZF TE-ML 16F, ZF TE-ML 17B, ZF TE-ML 19C, ZF TE-ML 21A, ZF approval number ZF001347

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DFS 93K219.01 Detroit, MAN 3343 Typ S, MAN 341 Typ E3, MAN 342 Typ M3, SAE J 2360, Scania STO 1:0, Volvo 97312, ZF TE-ML 07A, ZF TE-ML 08, ZF TE-ML 12B

Specifically developed for use in commercial vehicles. Universal use TDL oil (total drive line) for shift, auxiliary and differential transmissions without limited-slip differentials. Comply with the vehicle or aggregate manufacturer's instructions.

20 l	1	1182 <sup>71</sup>
60 l	1	1183 <sup>34</sup>
205 l	1	1184 <sup>34</sup>

**Hypoid Gear Oil (GL4/5) TDL SAE 80W-90**

Mineral hypoid gear oil with extremely high performance reserves. Excellent ageing stability. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Minimizes wear. Outstanding viscosity temperature behavior. Enables long oil change intervals.

Specifications and approvals: API GL4, API GL5, API MT-1, MAN 341 Typ E2, MAN 341 Typ Z2, MAN 342 Typ M2, MIL-L 2105 D, MIL-PRF 2105 E, ZF TE-ML 02B, ZF TE-ML 05A, ZF TE-ML 12L, ZF TE-ML 12M, ZF TE-ML 16B, ZF TE-ML 17H, ZF TE-ML 19B, ZF TE-ML 21A, ZF approval number ZF001323

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, Eaton, MB 235.0, Scania STO 1:0, Volvo 97310, ZF TE-ML 17B

Specifically developed for use in commercial vehicles. Universal use TDL oil (total drive line) for shift, auxiliary and differential transmissions without limited-slip differentials. Comply with the vehicle or aggregate manufacturer's instructions.

1 l	6	20645 <sup>71</sup>
20 l	1	4218 <sup>71</sup>
60 l	1	4705 <sup>34</sup>
205 l	1	4721 <sup>34</sup>

For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

Fully synthetic   
Synthetic technology   
Semi synthetic   
Mineral-based

## Manual transmission/hypoid transmission/transfer case fluids

**Hypoid-Gear Oil Truck (GL5) LD 80W-90**

Mineral hypoid gear oil with extremely high performance reserves. Exceeds the tough test requirements demanded by renowned manufacturers. Secures the functional performance of the aggregate and ensures the maximum service life. Provides a stable lubricating film even under extreme operating conditions. Excellent wear protection and favorable friction behavior. Guarantees maximum performance even with the longest oil-change intervals.

Specifications and approvals: API GL5, API MT-1, MAN 342 Typ M3, MB-Approval 235.20, MIL-PRF 2105 E, Scania STO 1:0

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: ARVIN MERITOR AXLES, MAN 342 Typ M2, MB 235.0, MB 235.6, ZF TE-ML 05A, ZF TE-ML 07A, ZF TE-ML 08, ZF TE-ML 12E, ZF TE-ML 16B, ZF TE-ML 16C, ZF TE-ML 16D, ZF TE-ML 17B, ZF TE-ML 19B, ZF TE-ML 21A

## Area of use

Specially developed for extremely highly stressed axle drives in commercial vehicles and construction machinery without limited-slip differentials. Use according to the aggregate or car and transmission manufacturer's prescribed specifications.

Cont.	Packaging Unit	Part no.
20 l	1	3594 <sup>71</sup>
60 l	1	3598 <sup>34</sup>
205 l	1	3599 <sup>34</sup>

**Hypoid Gear Oil Plus (GL5) LS SAE 85W-90**

Hypoid transmission oil is used for extreme operational demands. It has been specially developed for use in axle drives with slip differential. The oil contains selected additives that change the friction coefficient between the clutch discs, and also have excellent EP properties. Stick-slip with subsequent vibrations is then avoided. Meets the high requirements of renowned vehicle manufacturers.

Specifications and approvals: API GL5, MIL-L 2105 D, ZF TE-ML 05C, ZF TE-ML 21C, ZF approval number ZF001367

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, GM B 40 1010, LIEBHERR, Volvo (Axles/limited slip differential), Volvo 97311, ZF TE-ML 12C

For manual transmissions and differentials under extremely heavy loads (with and without retarders or intertarders), and auxiliary transmissions where a lubricant of this quality is required.

20 l	1	1215 <sup>34</sup>
60 l	1	3597 <sup>34</sup>
205 l	1	1216 <sup>34</sup>

## Profi CV gear oils

**Profi CV Gear Oil 75W-80 Z5**

High-pressure gear oil with a combination of high-quality base oils based on synthesis technology and powerful additives. Guarantees a wide range of applications and optimum transmission lubrication even under extreme conditions. Allows long oil change intervals of up to 540,000 km. Due to its low-viscosity characteristics, it can also be used where shifting difficulties exist (e.g. stiffness), e.g. if problems occur with higher-viscosity single-grade oils of class API GL4.

Specifications and approvals: API GL4

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: DAF, MAN 341 Typ Z5, MB 235.28, Voith Typ B, Volvo 97307, ZF TE-ML 01E, ZF TE-ML 02E

For manual transmissions under heavy loads (with and without retarders or intertarders) and auxiliary transmissions where a lubricant of this specification is required.

20 l	1	21445 <sup>34</sup>
60 l	1	21446 <sup>21</sup>
205 l	1	21652 <sup>34</sup>

## Engine oils 4-stroke tractor

**Tractor Oil STOU 10W-40**

Mineral high-performance oil. Enables versatile use. Uniform assortment rationalizes the inventory and minimizes the danger of mix ups. Prevents build-up of harmful deposits. Provides a stable lubricating film even under extreme operating conditions. With outstanding wear protection. Secures the functional performance of the aggregate and ensures the longest possible service life.

Specifications and approvals: ACEA E2, ACEA E3, Allison C4, API CF-4, API CG-4, API SF, API GL4, Caterpillar TO-2, Ford New Holland M2C 84-A, Ford New Holland M2C 159-B, Ford New Holland M2C 159-C, Mack EO-K, Mack EO-K2, MIL-L 2104 D, MIL-L 2105, MIL-L 46152 B, ZF TE-ML 06B, ZF TE-ML 07B

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Case (IHC) B6, David Brown, Fendt, John Deere J27, KHD, Massey-Ferguson M1139, Massey-Ferguson M1144, Massey-Ferguson M1145, MB 227.1, MB 228.1, Steyr

All-year oil. Specially developed for agricultural and forestry vehicles and aggregates. Can be used in all engines, transmissions, hydraulics, turbo couplings and oil bath brakes (wet brakes).

20 l	1	4722 <sup>34</sup>
60 l	1	4703 <sup>34</sup>
205 l	1	4704 <sup>34</sup>

**Tractor Oil STOU/UTTO**

Mineral high-performance oil. Enables versatile use. Uniform assortment rationalizes the inventory and minimizes the danger of mix ups. Prevents build-up of harmful deposits. Provides a stable lubricating film. Minimizes wear. Secures the functional performance of the aggregate and ensures long service life.

Specifications and approvals: ACEA E2, ACEA E3, API SF, API CF-4, API CG-4, API GL4, SAE 10W-30, SAE 80W

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Case (IHC) MS 1209, CASE New Holland MAT 3525, CASE New Holland MAT 3526, Ford New Holland M2C 134-D, Ford New Holland M2C 159-B, Ford New Holland M2C 159-C, John Deere J20C, John Deere J27, Massey-Ferguson M1135, Massey-Ferguson M1139, Massey-Ferguson M1143, Massey-Ferguson M1144, New Holland 82009201, New Holland 82009202, New Holland 82009203, New Holland NH 410B, ZF TE-ML 06A, ZF TE-ML 06B, ZF TE-ML 07B

Specially developed for agricultural and forestry vehicles and assemblies. Universally applicable in engines, transmissions, hydraulic systems, fluid flywheels and wet brakes.

20 l	1	6960 <sup>71</sup>
205 l	1	6962 <sup>34</sup>

For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

<sup>21</sup> D <sup>34</sup> D-GB <sup>71</sup> D-GB-I-E-P

Fully synthetic  
Synthetic technology  
Semi synthetic  
Mineral-based



## COMMERCIAL VEHICLES



## Engine oils 4-stroke tractor

**Tractor Oil UTTO 10W-30**

Mineral high-performance oil. Enables versatile use. Uniform assortment rationalizes the inventory and minimizes the danger of mix ups. Prevents build-up of harmful deposits. Provides a stable lubricating film. Minimizes wear. Secures the functional performance of the aggregate and ensures long service life.

Specifications and approvals: API GL4, Allison C4, Caterpillar TO-2

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: AGCO Q-1826, Case (IHC) B6, Case (IHC) MS 1204, Case (IHC) MS 1205, Case (IHC) MS 1206, Case (IHC) MS 1207, Case (IHC) MS 1209, Case (IHC) MS 1210, CASE New Holland MAT 3510, CASE New Holland MAT 3525, CASE New Holland MAT 3526, Deutz, Fendt, Ford New Holland M2C 41-B, Ford New Holland M2C 48-B, Ford New Holland M2C 53-A, Ford New Holland M2C 86-A, Ford New Holland M2C 86-B, Ford New Holland M2C 86-C, Ford New Holland M2C 134-A, Ford New Holland M2C 134-B, Ford New Holland M2C 134-C, Ford New Holland M2C 134-D, John Deere J20C, John Deere J20D, John Deere JDM 3000 TH, Landini, Komatsu, Kubota, Massey-Ferguson M1135, Massey-Ferguson M1141, Massey-Ferguson M1143, Massey-Ferguson M1145, New Holland NH 410B, Renault, SAME-Lamborghini, Schlüter, Volvo BM WB 101

## Area of use

All-year oil. Specially developed for agricultural and forestry vehicles and aggregates. Can be used in transmissions, hydraulics, oil bath brakes (wet brakes). Comply with the vehicle or aggregate manufacturer's instructions.

Cont.	Packaging Unit	Part no.
20 l	1	4749 <sup>71</sup>
60 l	1	4751 <sup>34</sup>
205 l	1	6959 <sup>34</sup>

**Special UTTO SAE 10W-30**

Ultramodern multi-purpose oil, which meets the latest requirements of latest drive systems (transmission/hydraulic systems), including wet brakes. Carefully selected additives ensure a wear-protective, oxidation- and shear-resistant multi-grade oil, which is suitable for a wide range of applications.

Specifications and approvals: Allison C4, API GL4, Caterpillar TO-2, ZF TE-ML 03E, ZF TE-ML 05F, ZF TE-ML 17E, ZF TE-ML 21F, ZF approval number ZF001368

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: AGCO Q-1826, Case (IHC) B6, Case (IHC) MS 1204, Case (IHC) MS 1205, Case (IHC) MS 1206, Case (IHC) MS 1207, Case (IHC) MS 1209, Case (IHC) MS 1210, Deutz, Fendt, Ford New Holland M2C 41-B, Ford New Holland M2C 48-B, Ford New Holland M2C 53-A, Ford New Holland M2C 86-A, Ford New Holland M2C 86-B, Ford New Holland M2C 86-C, Ford New Holland M2C 134-A, Ford New Holland M2C 134-B, Ford New Holland M2C 134-C, Ford New Holland M2C 134-D, John Deere J20C, John Deere J20D, Landini, Massey-Ferguson M1135, Massey-Ferguson M1141, Massey-Ferguson M1143, Massey-Ferguson M1145, New Holland NH 410B, Renault, SAME-Lamborghini, Schlüter, Volvo BM WB 101

For agriculture and forestry vehicles and machines, as well as for vehicles and machines which are used, for example, in mining and require an all-purpose transmission and hydraulic oil with this specification.

20 l	1	1258 <sup>34</sup>
60 l	1	3145 <sup>34</sup>
205 l	1	1259 <sup>34</sup>

## Hypoid gear oils

**Gear Hydraulic Oil TO-4 SAE 10W**

High-performance multipurpose oil made from high-quality raffinates. Due to the high thermal stability of the base oils, the aging process is significantly reduced even at elevated temperatures. This decisively helps reduce the formation of sludge, improves cleanliness and promotes the reliability of the transmission and hydraulic systems. Excellent oxidation resistance allows oil to be used for longer periods (changing intervals). The outstanding wear-protection technology is effective in both low and high load conditions. Specially developed additives guarantee a longer service life for wet clutches and ensure wet brakes work safely.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Allison C4, Caterpillar TO-4, Komatsu, ZF TE-ML 03C

Developed for construction equipment according to the high requirements of CATERPILLAR, ALLISON and KOMATSU. For power shift transmissions, transfer cases, final drives and hydraulic systems for which the manufacturer has stipulated a lubricant of this specification.

205 l	1	4493 <sup>34</sup>
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**Gear Hydraulic Oil TO-4 SAE 30**

High performance multipurpose oil made from high-quality raffinates. Due to the high thermal stability of the base oils, the aging process is significantly reduced even at elevated temperatures. This decisively helps reduce the formation of sludge, improves cleanliness, and promotes the reliability of the transmission and hydraulic systems. Excellent oxidation resistance allows longer oil change intervals. The outstanding wear protection technology is effective in both, low and high load conditions. Specially developed additives ensure a longer service life for wet clutches and ensure wet brakes work safely.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: Allison C4, Allison TES 439, API CF, API GL4, Caterpillar TO-4, Komatsu, ZF TE-ML 03C, ZF TE-ML 07F

Developed for construction equipment according to the high requirements of CATERPILLAR, ALLISON and KOMATSU. For power shift transmissions, transfer cases, final drives and hydraulic systems for which the manufacturer has stipulated a lubricant of this specification.

20 l	1	4059 <sup>34</sup>
60 l	1	4060 <sup>34</sup>
205 l	1	4062 <sup>34</sup>

**Gear Hydraulic Oil TO-4 SAE 50**

High performance multipurpose oil made from high-quality raffinates. Due to the high thermal stability of the base oils, the aging process is significantly reduced even at elevated temperatures. This decisively helps reduce the formation of sludge, improves cleanliness, and promotes the reliability of the transmission and hydraulic systems. Excellent oxidation resistance allows longer oil change intervals. The outstanding wear protection technology is effective in both, low and high load conditions. Specially developed additives ensure a longer service life for wet clutches and ensure wet brakes work safely.

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required: API GL4, API CF, Caterpillar TO-4, Komatsu

Developed for construction equipment according to the high requirements of CATERPILLAR, ALLISON and KOMATSU. For power shift transmissions, transfer cases, final drives and hydraulic systems for which the manufacturer has stipulated a lubricant of this specification.

205 l	1	4389 <sup>34</sup>
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For specifications and manufacturers' approvals, see the oil guide or technical data sheet. Comply with the vehicle or aggregate manufacturer's instructions.

Fully synthetic  
Synthetic technology  
Semi synthetic  
Mineral-based





## Hypoid gear oils

**Synth ISO VG 150 Gear Oil**

Fully synthetic high performance gear oil based on polyalphaolefins/esters. Due to the excellent oxidation resistance and thermal stability of the base oils, the aging process even at elevated temperatures is significantly reduced and the oil-change intervals can be extended. A high pressure and wear protection technology has been specially selected for this product to provide reliable protection even under heavy loads and to prolong the service life of the equipment. Outstanding corrosion protection behavior even with water and other forms of contamination present. Increases equipment efficiency as a result of reduction in downtimes for maintenance and stoppages. Lubricating oil DIN 51517 - CLP

Specifications and approvals: AGMA 9005 - D94 (EP), Cincinnati Machine P-77, David Brown, Schmieröl DIN 51517 CLP 150, Schmieröl SEB 181 226 CLP 150, U.S. Steel 224

## Area of use

Suitable for application in industrial transmissions, where roller and plain bearings are subjected to high pressure and also for large plant with pressure-feed lubrication systems.

Cont.	Packaging Unit	Part no.
20 l	1	<b>4855</b> <sup>34</sup>
205 l	1	<b>4995</b> <sup>34</sup>

**Synth ISO VG 220 Gear Oil**

Fully synthetic high performance gear oil based on polyalphaolefins/esters. Due to the excellent oxidation resistance and thermal stability of the base oils, the aging process even at elevated temperatures is significantly reduced and the oil-change intervals can be extended. A high pressure and wear protection technology has been specially selected for this product to provide reliable protection even under heavy loads and to prolong the service life of the equipment. Outstanding corrosion protection behavior even with water and other forms of contamination present. Increases equipment efficiency as a result of reduction in downtimes for maintenance and stoppages. Lubricating oil DIN 51517 - CLP

Specifications and approvals: AGMA 9005 - D94 (EP), Cincinnati Machine P-74, David Brown, Schmieröl DIN 51517 CLP 220, Schmieröl SEB 181 226 CLP 220, U.S. Steel 224

Suitable for application in industrial transmissions, where roller and plain bearings are subjected to high pressure and also for large plant with pressure-feed lubrication systems.

20 l	1	<b>3566</b> <sup>34</sup>
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## Special oils

**Gear Oil CLP 150**

Mineral base gear lubricant offering excellent lubrication and wear-prevention properties. Made of high quality base oils and the latest sulphur phosphorus additives.

Specifications and approvals: Müller-Weingarten, Schmieröl DIN 51517 CLP 150, Schmieröl SEB 181 226 CLP 150

Suitable for use in industrial gearboxes, roller and plain bearings that are exposed to high loads, and in particular also for large systems with circulation lubrication systems.

20 l	1	<b>4116</b> <sup>34</sup>
205 l	1	<b>4117</b> <sup>34</sup>

**Gear Oil CLP 220**

Mineral base gear lubricant offering excellent lubrication and wear-prevention properties. Made of high quality base oils and the latest sulphur phosphorus additives.

Specifications and approvals: Schmieröl DIN 51517 CLP 220, Schmieröl SEB 181 226 CLP 220

Suitable for use in industrial transmissions, roller and plain bearings subjected to high pressures and, in particular, large-scale plants with circulation lubrication systems.

20 l	1	<b>4778</b> <sup>34</sup>
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**Gear Oil CLP 320**

Mineral base gear lubricant offering excellent lubrication and wear-prevention properties. Made of high quality base oils and the latest sulphur phosphorus additives.

Specifications and approvals: Schmieröl DIN 51517 CLP 320, Schmieröl SEB 181 226 CLP 320

Suitable for use in industrial gearboxes, roller and plain bearings that are exposed to high loads, and in particular also for large systems with circulation lubrication systems.

20 l	1	<b>1057</b> <sup>34</sup>
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# Gear Tronic III





**Flushing and changing, now even more efficiently:**

# Automatic transmission fluid service with the new Gear Tronic III

The use of modern automatic transmissions and semi-automatic transmissions in vehicles is becoming increasingly common. They ensure that the engine always runs within an ideal range of efficiency. However, the increasing complexity of the transmission control introduced by increasing the gear shifts from 5 to 10 and extending the transmission steps with Comfort, Sport, Winter and so on has also increased the performance demands made on the transmission. This in turn is noticeable due to the huge thermal and mechanical demands placed on the transmission fluid. The result is an increase in wear and tear and therefore an increase in maintenance requirements.

If the transmission fluid is not changed in good time, the dirt and metallic abraded matter could cause costly mechanical damage in the gearbox. That's why manufacturers of transmission fluids – and increasingly vehicle manufacturers as well – recommend transmission fluid changes, depending on mileage and

driving style. The same applies for so-called “lifetime fluids”. Previously, it simply wasn't possible to effect a complete change in lubrication, since it was inevitable that the new fluid was contaminated with the remains of the old fluid – a problem that is now history thanks to Gear Tronic III. That's because the automatic transmission fluid service device allows the fluid to be replaced virtually 100 percent without the new fluid mixing with the old. It's the only way to ensure that the new fluid is able to work to its full performance.

A further advantage is that because it uses automatic processes, Gear Tronic III stops expensive mistakes from happening and prevents overfills or underfills. The device is therefore the perfect all-round solution for flushing, carrying out transmission fluid changes and adding additives – easily, quickly and reliably.



## Description of Gear Tronic III

Illuminated sight glasses for monitoring the exchange of liquids

Opening for easy filling of the fresh automatic transmission fluid

Service printout via WiFi/e-mail or USB port (optional thermal printer)

Simple operation via the 7-inch color touch display

Additive added by precise weighing system

Adapter lines for connection to dip stick guide tube

Long life design for professional use

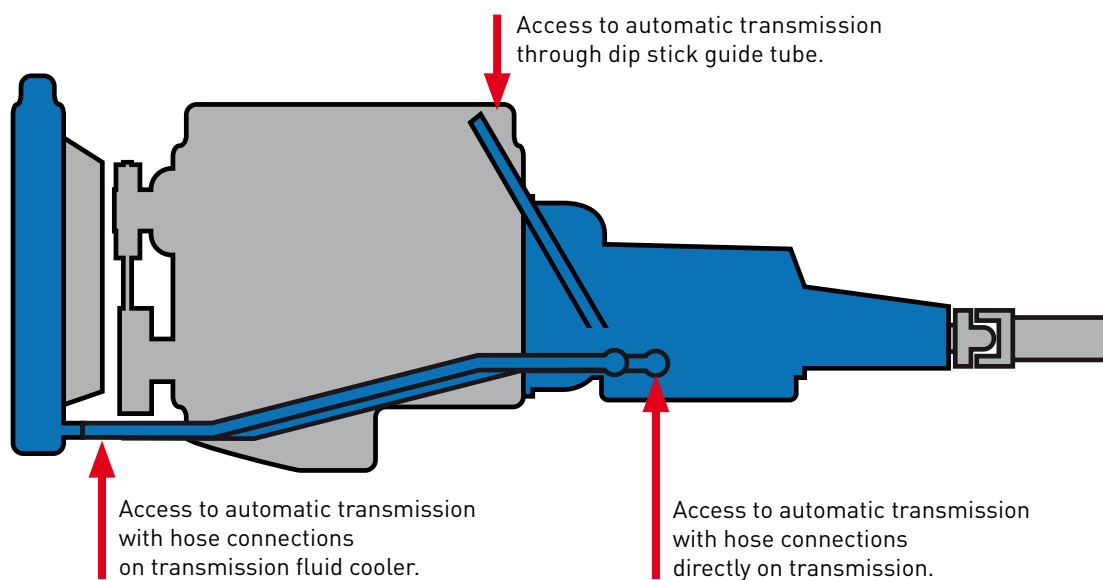
Integrated scales for used and new fluid

Chemically resistant, shock resistant plastic housing



## Connection Possibilities for Gear Tronic III

The automatic transmission can be flushed, cleaned, evacuated and refilled in various ways.



## Comparison table for Gear Tronic III and the previous model

	Gear Tronic II	Gear Tronic III
User interface		
Display	4,3 inch	7 inch
User interface	Membrane display	Color touch display
WiFi	–	●
Software update*	USB	WiFi
Service	USB	WiFi
Memory function with power failure	–	●
Integrated database (vehicles/filling quantities/oils)	●	●
Integrated connection instructions (adapter)	–	●
Web connection instructions (MyLIQUIMOLY)	●	●
Service printout	Thermal printer	WiFi or USB (printer optional)
Process monitoring via app	–	●
Transmission fluid temperature display	●	●
Functions and features		
Automatic mode	●	●
Manual mode	●	●
Dipstick function	●	●
Automatic flow direction detection	●	●
Automatic pressure sensor calibration	–	●
Addition of additives	●	●
Fresh oil filling (ideal for 20 l LM containers)	●	●
Draining of the used oil canister	via a separate circuit	
Draining of the fresh oil canister	●	●
Separate used oil pump	●	●
Boost function (optimized pump pressure when filling fresh oil)	●	●
Capacities		
Connection option for 1 l LM container	●	●
Drip tray	approx. 2.6 l	approx. 4.6 l
Hydraulic circuit		
Oil pump capacity	2x 10 l/min	
Filter for fresh oil		
Filter	Stainless steel mesh 150 µm	Fe/Zn netting 90 µm
Filter design	Housing with insert	Inline filter
Power supply		
Voltage/power	110 V, 230 V/500 W	

## Earn money with the LIQUI MOLY Gear Tronic III concept



## Automatic transmission fluid test



Automatic transmissions are subject to very high loads and extreme stresses. That's why many automatic transmissions are cooled in the engine's cooling system.

To be on the safe side, the LIQUI MOLY Test Strip should be used to verify whether the cooling system coolant has penetrated the transmission fluid. That would result in major damage to the transmission.

Gear Tronic Test Strips are also supplied individually (part no. 50315).





### Gear Tronic III

Fully automatic ATF service device for automatic transmissions. The perfect all-round solution for quickly, easily and reliably performing flushing, transmission fluid changes and the addition of additives. With modern control technology and intuitive operation using a 7" color touch display. After the integrated cleaning program is applied, ensures outstanding function again even with heavily soiled transmissions. Two independent scales offer high accuracy of the liquid exchange process. Data on the total fill quantity, type and density of the automatic transmission fluid, tightening torques of the oil pan, drain plug and checking screws and the vehicle manufacturer, vehicle type and engine can be retrieved using the free integrated database. Thanks to the WLAN function, service data can be sent directly to the printer or the workshop's e-mail address. The data can also be saved to a USB stick. Accessories included: Gear Tronic Adapter Kit Standard 01 (part no. 29021).

#### Area of use

For all converter gears and continuously variable transmissions and dual clutch transmissions. Specially designed for the professional replacement of transmission fluids. Enables the change to be made via the cooler as well as the dipstick mode including cleaning. Universally suitable for use with all vehicle models. More detailed information about the device and its operation can be found in the operating instructions or the application video.

#### Cont.

#### Packaging Unit

#### Part no.

1 pc 1 29266 <sup>34</sup>



### Gear Tronic Adapter Kit for BMW

Accessory for the Gear Tronic device. 12-part adapter kit with Parker H2C connections.

For connecting the Gear Tronic device to the relevant transmission types ZF 5HP, 6HP and 8HP.

1 pc 1 29022 <sup>21</sup>



### Gear Tronic Adapter Kit for VAG

Accessory for the Gear Tronic device. 12-part adapter kit with Parker H2C connections.

For connecting the Gear Tronic device to the relevant transmission types from manufacturers like Audi, Seat, Skoda, Porsche and Volkswagen.

1 pc 1 29023 <sup>21</sup>



### Gear Tronic Adapter Kit Standard 01

Accessory for the Gear Tronic unit. 31-part adapter kit with Parker H2C connections including the Gear Tronic Adapter BMW07/VAG13 (part no. 29017), among others. Included in the scope of delivery of the Gear Tronic unit.

For connecting the Gear Tronic device to the relevant transmission types, including those for many European vehicles.

1 pc 1 29021 <sup>21</sup>



### Gear Tronic Adapter Kit Standard 02

Accessory for the Gear Tronic device. 30-part adapter kit with Parker H2C connections.

For connecting the Gear Tronic device to the relevant transmission types, including those for American and Asian vehicles.

1 pc 1 29027 <sup>21</sup>



### Gear Tronic DSG adapter

Accessory for the Gear Tronic device. 1-part plastic adapter with two Parker H2C connections and a rubber seal.

For connecting the Gear Tronic device to VAG 6 and 7-speed dual clutch transmissions with wet clutch and common oil supply for transmission and clutch.

1 pc 1 29020 <sup>21</sup>



### Gear Tronic Adapter 001 for Audi

Accessories for the Gear Tronic unit: 1-part adapter with one Parker H2C connection.

For connecting the Gear Tronic device to the relevant dual clutch transmission types from Audi 0CL, 0CK, 0CJ, 0DK, 0DN and 0HL.

1 pc 1 29246 <sup>21</sup>

## Area of use

## Cont.

Packaging  
UnitPart  
no.**Gear Tronic Adapter for Audi A8**

Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections.

For connecting the Gear Tronic device to the relevant transmission types, including for Audi A8 and Audi RS6.

1 pc 1 **29004** <sup>21</sup>

**Gear Tronic Adapter 001 for BMW**

Accessories for the Gear Tronic unit: 1-part adapter with one Parker H2C connection.

For connecting the Gear Tronic unit to the respective BMW vehicle types, including BMW F06, BMW F07, BMW F10, BMW F12 and BMW F13.

1 pc 1 **29082** <sup>21</sup>

**Gear Tronic Adapter 002 for BMW**

Accessories for the Gear Tronic unit: 1-part adapter with two Parker H2C connections.

For connecting the Gear Tronic device to the relevant transmission types of Aisin GA8F22AW.

1 pc 1 **29216** <sup>21</sup>

**Gear Tronic Adapter for BMW07/VAG13**

Accessory for the Gear Tronic device. 3-part adapter with a rubber seal.

For connecting the Gear Tronic device to the relevant transmission types, including Audi, BMW, Porsche and VAG.

1 pc 1 **29017** <sup>21</sup>

**Gear Tronic Adapter for Citroën DS**

Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections.

For connecting the Gear Tronic device to the relevant transmission types of DS and PSA.

1 pc 1 **29072** <sup>21</sup>

**Gear Tronic Adapter 001 for Ford**

Accessory for the Gear Tronic device. 2-part adapter with two Parker H2C connections.

For connecting the Gear Tronic unit to the 6R80 transmission in the Ford Ranger.

1 pc 1 **29193** <sup>21</sup>

**Gear Tronic Adapter for Jatco/Aisin**

Accessory for the Gear Tronic device. 3-part aluminum adapter with two Parker H2C connections, two fixing screws and a rubber seal.

For connecting the Gear Tronic device to the relevant transmission types, including for Audi, BMW, Citroën, Ford, Lancia, Mini, Peugeot, Seat, Skoda and Volkswagen.









1 pc 1 **29015** <sup>21</sup>

**Gear Tronic Adapter 001 for LR/Jeep**

Accessory for the Gear Tronic device. 2-part adapter with two Parker H2C connections.

For connecting the Gear Tronic device for all 9-speed automatic transmissions (ZF 9HP-48) in the models Land Rover Discovery, Land Rover Evoque and Jaguar E-Pace.

1 pc 1 **29272** <sup>21</sup>

		Area of use	Cont.	Packaging Unit	Part no.
	<b>Gear Tronic Adapter for MB 7G</b> Accessory for the Gear Tronic device. 2-part aluminum adapter with two Parker H2C connections.	For connecting the Gear Tronic device to the Mercedes-Benz 7 and 9-speed automatic transmissions.	1 pc	1	29005 <sup>21</sup>
	<b>Gear Tronic Adapter for MB DCT</b> Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections and two rubber seals.	For connecting the Gear Tronic device to the relevant transmission types, including Mercedes-Benz dual-clutch transmissions.	1 pc	1	29016 <sup>21</sup>
	<b>Gear Tronic Adapter 001 for PSA/Opel</b> Accessory for the Gear Tronic device. 2-part adapter with two Parker H2C connectors.	For connecting the Gear Tronic device to the ATN8 transmission from PSA and Opel.	1 pc	1	29274 <sup>21</sup>
	<b>Gear Tronic Adapter for PSA</b> Accessory for the Gear Tronic device. 3-part aluminum adapter with two Parker H2C connections, two hollow screws and a rubber seal.	For connecting the Gear Tronic device to the relevant transmission types, including for Citroën, Fiat, Opel, Peugeot and Renault, that are equipped with a DP0 or AL4 transmission.	1 pc	1	29008 <sup>21</sup>
	<b>Gear Tronic Adapter for PSA TF-80 SC</b> Accessory for the Gear Tronic device. 2-part adapter with two Parker H2C connectors.	For connecting the Gear Tronic device to the automatic transmissions TF-80 SC, AT6 and AT8 from PSA.	1 pc	1	29273 <sup>21</sup>
	<b>Gear Tronic Adapter for Renault/Nissan</b> Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections.	For connecting the Gear Tronic device to the relevant transmission types of Renault and Nissan.	1 pc	1	29029 <sup>21</sup>
	<b>Gear Tronic Adapter for Saab/Opel</b> Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections.	For connecting the Gear Tronic device to the relevant transmission type AF 40 for Saab and Opel models.	1 pc	1	29025 <sup>21</sup>
	<b>Gear Tronic Adapter 001 for Toyota</b> Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections.		1 pc	1	29324 <sup>21</sup>



## Area of use

## Cont.

Packaging  
UnitPart  
no.**Gear Tronic Adapter 002 for Toyota**

Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections.

1 pc 1 29325<sup>21</sup>

**Gear Tronic Adapter for VAG TF-60SN/VW09G**

Accessories for the Gear Tronic unit: 1-part aluminum adapter with two Parker H2C connections and two rubber seals.

For connecting the Gear Tronic unit to the relevant transmission types, including Skoda and Volkswagen with 6-speed automatic transmission TF-60SN and VW 09G transmission.

1 pc 1 29058<sup>21</sup>

**Gear Tronic Adapter 001 for Volvo**

Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections.

For connecting the Gear Tronic device to the relevant transmission type of Volvo.

1 pc 1 29081<sup>21</sup>

**Gear Tronic Adapter for Volvo/Ford Power Shift**

Accessory for the Gear Tronic device. 1-part aluminum adapter with two Parker H2C connections and a rubber seal.

For connecting the Gear Tronic device to the relevant transmission types, including for Dodge Journey, Fiat Freemont, Ford, Renault and Volvo.

1 pc 1 29007<sup>21</sup>

**Gear Tronic Adapter for Volvo/Ford/PSA**

Accessory for the Gear Tronic device. 2-part adapter with two rubber seals.

For connecting the Gear Tronic device to the relevant transmission types, including TF 80 and AF 40 transmissions.

1 pc 1 29024<sup>21</sup>

**Gear Tronic Cover**

Our practical cover offers sure and reliable protection for your Gear Tronic against external influences, prolonging its life.

1 pc 1 29014<sup>21</sup>

**Gear Tronic Test Strip**

Automatic transmissions are subject to very high loads and are placed under extreme stress. That is why many automatic transmissions are cooled in the engine's cooling system. No coolant must be allowed to get into the transmission oil, otherwise the transmission will be damaged. The test system indicates if there is water in the oil.

A document for recording coolant in the transmission oil.

1 pc 750 50315<sup>160</sup>



## Oil accessories



## OIL ACCESSORIES



## Gear oil filler

**Gear Oil Filler****5 to 60 liters, transportable**

For 5 to 60 liter containers and up to 620 mm height and R2 faucet.  
For transmission oils up to SAE 90.

- Total height 830 mm, weight approx. 9 kg.
- Post including pump can be unscrewed from chassis, with plastic handle.
- Collar for sealing the drum fauce

## Area of use

## Cont.

Packaging  
UnitPart  
no.

For 5 to 60 liter containers and up to 620 mm height and R2 faucet. For transmission oils up to SAE 90.

1 pc 1 **7839** <sup>21</sup>

**Oil Filling Unit for Transmissions**

- Tank volume: 7 liters
- Filling hose: 1,600 mm
- 16 adapters for BMW, Ford, Mercedes-Benz, V.A.G. in case
- Drip pan

For filling transmissions and differentials with oil. Specifically for dual-clutch transmissions.

1 pc 1 **7941** <sup>21</sup>

## Organization and stock management systems

**Oil Cabinet****for 20 liter and 60 liter LIQUI MOLY container**

consisting of 8 x 20 liter canister + 2 x 60 liter drum or 12 x 20 liter canister (as desired)

- 3 shelves
- Dimensions: 2,100 (H) x 950 (W) x 550 (D) mm
- Weight: 118 kg
- Color: Body RAL 7016 - Doors 9006

Oil cabinet with clearly arranged and clean storage of oil specialties with integral drip pan (lockable).

1 pc 1 **29011** <sup>34</sup>

**Gear oil cabinet****for 20 liter and 1 liter LIQUI MOLY container**

consisting of 3 x 20-liter canisters and 3 x 6-packaging units of 1 liter gear oil bottles (as desired)

- Dimensions: 950 (H) x 630 (W) x 550 (D) mm
- Weight: 52 kg
- Color: Body RAL 7016 - Doors 9006

Oil cabinet with clearly arranged and clean storage of gear oils with integral drip pan.

1 pc 1 **29035** <sup>34</sup>

## Drain tap and oil change accessories

**Drain cock DIN 61 with disposable seal**

Suitable for all LIQUI MOLY oil canisters in 20-liter containers with ventilation and DIN 61 thread. Drain cock without ventilation. Spare seals (sealing rings (4 pieces), part no. 29130).

1 pc 1 **7924** <sup>21</sup>

**3/4" ball drain cock set**

High-quality design for horizontal storage of 20 l canisters with thread size DIN 61 outside.

1 pc 1 **29122** <sup>21</sup>

**Sealing rings (4 pieces)**

Spare seals for the drain cock, part no. 29122 and part no. 7924.

1 pc 1 **29130** <sup>21</sup>

**Hand Pump**

- plastic pump incl. universal hose and adapter
- adapter for metric thread and imperial screw joints
- for all 1 l containers from LIQUI MOLY
- for 0.5 l and 5 l containers from LIQUI MOLY with SK 38 thread

For filling transmissions and other units such as outboard motors, lawnmowers, emergency power units, riding mowers, snow blowers or motorcycle transmissions.

1 pc 1 **29026** <sup>21</sup>







LIQUI MOLY GmbH  
Jerg-Wieland-Straße 4  
89081 Ulm  
GERMANY

Phone: +49 731 1420-0  
Fax: +49 731 1420-75  
E-Mail: [info@liqui-moly.com](mailto:info@liqui-moly.com)  
[www.liqui-moly.com](http://www.liqui-moly.com)

Technical support:  
Phone: +49 731 1420-871  
E-Mail: [support@liqui-moly.com](mailto:support@liqui-moly.com)

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## The quick way to find the right oil



It provides information on the right motor oil for a particular vehicle. The LIQUI MOLY app is available free of charge for iOS and Android.

[liqui-moly.to/AppStore](https://liqui-moly.to/AppStore)

[liqui-moly.to/PlayStore](https://liqui-moly.to/PlayStore)

