



LIQUI MOLY

Motor Oils & Additives



AUTO
MARKTE
TOP
MARKE
2017

Issue 06 / 2017

LESERWAHL
BEST BRAND
2017
KATEGORIE
Schmierstoffe
auto
motor
sport

Issue 07 / 2017

Auto
Bild **DIE BESTEN**
MARKEN
IN ALLEN KLASSEN

Issue 13 / 2017





LIQUI MOLY: Quality and Per

LIQUI MOLY headquartered in Ulm, Germany offers a wide variety of high quality products including motor oils, additives, car care products and chemically-based technical solutions for automotive applications. With over 1,000 products, you have access to a comprehensive, premiere quality, product line.

LIQUI MOLY's mission is to provide you with the highest possible product quality every time. In order for our chemists to remain on the cutting edge of technical developments at all times, they are continually in close contact with the automotive industry.

LIQUI MOLY develops and tests its products in its own laboratories and manufactures only in Germany. Founded more than 50 years ago the company is among the most distinguished in the industry. LIQUI MOLY's industry leading products are sold in over 100 countries around the globe.



formance Made in Germany

Most of our products are based on formulations which we have developed ourselves. They are subjected to continual testing and are fine-tuned to the most current technical specifications.

LIQUI MOLY motor and gear oils have received the stamp of approval from major vehicle manufacturers. These approvals represent the official manufacturer certificate of acceptance of our quality and approved use for keeping the vehicle within warranty requirements.



FUEL ADDITIVES FOR GAS ENGINES

	Octane Plus	Jectron Fuel Injection Cleaner	Truck Series Complete Fuel System Cleaner	Valve Clean	Pro-Line Fuel System Cleaner
Removes coke deposits on valves, in the combustion chamber etc.		●	●	●●	●●●
Removes resinlike deposits in the fuel system, on injectors etc.		●●	●●	●	●●●
Protection against corrosion	●	●●	●●	●●	●●●
Increases the octane number (knock resistance)	●●				
Use recommendation for any kind of refueling	●				
Long-term protection and recommended application intervals 1200 miles / 2000 km		●	●		
Long-term protection and recommended application intervals 6000 miles / 10000 km					●
For maximum fuel volume in gal. (Liter)	12,5 (50)	17,5 (70)	25 (100)	18,75 (75)	17,5 (70)
Preventive use		●	●	●	●
Problem-specific use	●	●	●	●	●●

FUEL ADDITIVES FOR DIESEL ENGINES

	Diesel Particulate Filter Protector	Truck Series DPF Protector	Super Diesel Additive	Truck Series Diesel Performance and Protectant	Truck Series Complete Diesel System Cleaner	Diesel Purge	Pro-Line Diesel System Cleaner
Removes coke deposits on valves, in the combustion chamber etc.			●●	●●	●●	●	●●
Removes resinlike deposits in the fuel system, on injectors etc.			●●	●●	●●	●●	●●
Protection against corrosion			●●	●●	●●	●	●●
Improves the lubricity			●●	●●	●●	●	●●
Boosts the cetane number (ignition performance)	●●	●●	●●	●●	●●	●	●
Relieves the diesel particulate filter	●	●					
Long-term protection and recommended application intervals 1200 miles / 2000 km			●	●			
Long-term protection and recommended application intervals 6000 miles / 10000 km							
For maximum fuel volume in gal. (Liter)	12,5 (50)	25-30 gal. (95-120 liters)	17,5 (70)	30 (120)	30 (120)	pure	21 (80)
Preventive use			●	●	●●	●	●●
Problem-specific use	●	●	●	●	●●	●	●●

OIL ADDITIVES



Pro-Line Engine Flush

Highly effective detergent additives in Engine Flush cleans interior engine before oil change.

Cleaning and flushing out the oil systems of gas and diesel engines. Minimum oil filling of 0.8 gal (3 liters) is requested for optimum product performance.

USA

Part-No. LM2037 (500 ml)

Canada

Part-No. LM7712 (500 ml)

BENEFITS:

- removes deposits, residues from all 4-stroke gasoline, diesel engines
- dissolves sludge, lacquer and isolates solid particles and liquid contaminants
- improves the combustion process and restores full engine performance
- prevents corrosion of unprotected metal surfaces
- recovers oil lubricating properties

Cera Tec

Cera Tec is a high-tech ceramic wear protection product for all motor oils. Cera Tec reduces friction and wear due to ceramic compounds that withstand extremely high chemical and thermal loads. Prevents direct metal-to-metal contact, thus increasing the engine service life. The low-friction effect reduces fuel consumption in gasoline and diesel engines.

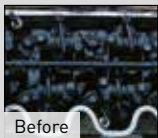
Wear protection for engines, manual transmissions, pumps and compressors. Cera Tec is added to the oil and is self-mixing. Sufficient for 1.3 gal (5 l) oil volume. With long-term effect for 30.000 miles (50.000 km). Not suitable for use with wet clutches! Minimum oil filling of 3 liters (3.17 U.S. QT) is requested for optimum product performance.

Part-No. LM20002 (300 ml)

BENEFITS:

- reduces friction and wear
- prevents direct metal-to-metal contact
- reduces fuel consumption
- lasts up to 30.000 miles (50.000 km)

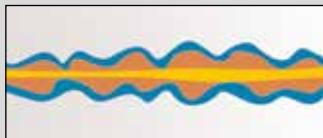
The microceramic solid lubricant fills the coarseness of the metal, while a chemical reaction protects and smoothes the surface.



Before



After



OIL ADDITIVES



Hydraulic Lifter Additive

Prevents hydro tappet noise. Lubrication holes and ducts in the oil circuit are cleaned. Secures optimal hydro tappet performance. Increases the reliability and travel comfort of the vehicle.

Suitable for all commercial motor oils in gasoline and diesel engines with and without diesel particulate filter (DPF). Tested safe with catalytic converters and turbochargers. Can contents are sufficient for up to 1.5 gal (6 l) motor oil. Not suitable for motorcycles with wet clutches. Minimum oil filling of 3 liters (3.17 U.S. QT) is requested for optimum product performance.

Part-No. LM20004 (300 ml)

BENEFITS:

- damps hydraulic tappet noise
- cleans valve bores
- improves the lubrication properties of the oil



Motor Oil Saver

Rejuvenates dried out, porous, shrunken oil and valve stem seals.

Suitable for all gasoline and diesel engines and compatible with all commercially available engine oils. 300 ml is sufficient for 1.3 gal (5 l) of engine oil. Sealing first takes effect after about 400 - 500 miles (600 - 800 km). Minimum oil filling of 3 liters (3.17 U.S. QT) is requested for optimum product performance.

Part-No. LM2020 (300 ml)

BENEFITS:

- reduces oil consumption via the piston rings and valve guides
- prevents blue, smoky exhaust fumes
- prevents leaks due to worn at elastomeric seals
- regenerates engine seals made of plastic and rubber - reduces engine noises
- prevents pollution of the environment due to oil dripping from the engine

OIL ADDITIVES



Viscoplus for Oil

Modern, mono-functional high-performance additive for stabilizing the viscosity of motor oils. Visco Stabil offers outstanding protection against mechanical and therefore permanent shear losses to the oil under extreme running conditions and is effective against the thinning of motor oils due to frequent cold starts.

Suitable for all commercial motor oils in gasoline and diesel engines with and without diesel particulate filter (DPF). Tested safe with catalytic converters and turbochargers. Can contents are sufficient for up to 1.3 gal (5 l) motor oil. Not suitable for motorcycles with wet clutches. Minimum oil filling of 3 liters (3.17 U.S. QT) is requested for optimum product performance.

Part-No. LM20206 (300 ml)

BENEFITS:

- stabilizes loss of viscosity
- optimum lubrication under all operating conditions
- fully compatible with mineral and synthetic oils
- reduces engine noise
- optimum oil pressure under all operating conditions
- reduces oil consumption
- improves the movable seal between piston and cylinder
- reduces wear



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.

Add ATF 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 1.0-2.1 gal (4-8 l) oil volume. Suitable for steering gears and automatic transmissions that are filled with ATF II and ATF III oils.

Part-No. LM20040 (250 ml)

BENEFITS:

- regenerates seals
- prevents oil loss
- care and protection
- cleans and maintains
- stable to oxidation
- minimizes unwanted noise
- prevents expensive repairs
- increases service life
- high wear resistance
- prevents rapid aging of oil
- damps shifting operations

OIL ADDITIVES



MoS₂ Antifriction for Gears

MoS₂-Antifriction for Gears is a stabilised solid lubricant concentrate in mineral oil. Due to its high MoS₂ content and special additives, it is suitable for all manual motor vehicle transmissions and for axle drives without self-locking differential.

Add MoS₂-Antifriction for Gears to the gear oil – mixing takes place automatically during operation. The product is suitable for both mineral- and synthetic-based gear oils. One tube is sufficient for up to 0.5 gal (2 l) of gear oil.

Part-No. LM2019 (50 g)

BENEFITS:

- resistant to stresses and vibrations
- increases operational reliability
- assures optimum shifting performance
- friction and wear reducing
- outstanding emergency-running properties
- reduces transmission noise
- secures optimum transmission operation



MoS₂ Anti-Friction Engine Treatment

Forms a friction and wear reducing “Moly” film on all sliding surfaces of the engine.

Compatible with all types of motor oil. For best results add to motor oil at every oil change. One can treats up to 1.5 gal (6 l) of oil. Minimum oil filling of 3 liters (3.17 U.S. QT) is requested for optimum product performance.

Part-No. LM2009 (300 ml)

Part-No. LM20606 (60 l)

BENEFITS:

- reduces friction and guarantees energy conserving performance
- lowers fuel consumption
- cuts wear and extends engine life
- formulated and proven to provide instant cold-start lubrication

Irregularities are compensated for with the application of solid lubricants such as molybdenum disulfide (MoS₂).



GASOLINE ADDITIVES



Valve Clean

Valve Clean is an ash-free, self-mixing combination of active agents, formulated according to the latest additive, fuel and engine technologies and specially developed to fulfill the demands of today's engines, fuels and running conditions.

For all gasoline engines. Suitable for standard and high-octane gas, leaded and unleaded. 150 ml is sufficient for up to 20 gal (75 l) of fuel. Minimum fuel filling of 7 gal. is requested for optimum product performance.

USA

Part-No. LM2001 (150 ml)

Canada

Part-No. LM7701 (150 ml)

BENEFITS:

- breaks down deposits on valves and in the combustion chamber
- removes and dissolves residues throughout the fuel system
- protects against corrosion throughout the fuel system
- environmentally friendly and economical
- prevents carburettor icing
- proven performance with catalytic converters and turbochargers



Before

After

Octane Plus

Octane Plus is a self-mixing combination of agents formulated according to state-of-the-art additive and fuel technology. Octane Plus is for universal use and increases the research octane number (RON) of the fuel by 2-4 points, depending on the RON. Thanks to the increased performance of the fuel, engine damage caused by knocking combustion is prevented. The increase of the octane number ensures low fuel consumption.

For increasing the octane number of gasoline. Minimum fuel filling of 7 gal. is requested for optimum product performance.

Part-No. LM20134 (150 ml)

BENEFITS:

- improves performance
- increases the octane number
- prevents engine damage caused by knocking combustion

GASOLINE ADDITIVES



DIESEL ADDITIVES



Jectron

Gasoline additive keeps the interior injection system clean.

Regular use keeps injection system in perfect working order. Add the contents to the fuel tank and repeat every 1.200 miles (2.000 km) or as necessary. Suitable for all gasoline engines. Minimum fuel filling of 7 gal. is requested for optimum product performance.

USA

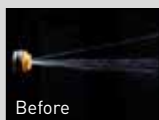
Part-No. LM2007 (300 ml)

Canada

Part-No. LM7711 (300 ml)

BENEFITS:

- cleans injectors without removal
- keeps intake valves clean
- reduces fuel consumption and exhaust emissions
- restores performance, drivability and durability
- promotes accurate injector dosing and fuel atomisation (engine regains its original performance)
- smoother idling, good throttle response
- no starting problems and no lean surging



Super Diesel Additive

Reduces wear of fuel pump, extends life of equipment. Improves engine performance and emissions control. Prevents rust and contamination in fuel tank, pipes and injection system. Improves the economy.

For best results, add Super Diesel Additive every 1.200 miles (2.000 km) to fuel. One can treats up to 20 gal (75 l) of fuel. Suitable for Diesel engines in passenger cars and commercial vehicles. Minimum fuel filling of 7 gal. is requested for optimum product performance.

USA

Part-No. LM2002 (300 ml)

Canada

Part-No. LM7702 (300 ml)

BENEFITS:

- cleans the injection system and protects from contamination and corrosion
- improves the lubrication action of diesel fuel
- protects injection pump from wear
- with Cetan Booster for greater engine performance, less Diesel knocking, quieter running and easier starting
- prevents corrosion and contamination in fuel tank, pipes and injection system
- complies with the federal low sulphur content requirements for use in diesel motor vehicles and nonroad engines.

DIESEL ADDITIVES



Diesel Particulate Filter Protector

Highly effective additive that reduces the build-up of particulates and thus increases the service life of the diesel particle filter. When used regularly, the diesel particle filter remains clean and expensive repair and servicing times are avoided.

Suitable for diesel vehicles with diesel particle filters, provided these have not already been equipped with an electronically controlled additive tank system for filter regeneration (as used by Citroen and Peugeot, for example). The container is sufficient for 13.2 - 18.5 gal (50 - 70 l) of diesel fuel. Note: Avoid excess dosage.

USA

Part-No. LM2000 (250 ml)

Canada

Part-No. LM7703 (250 ml)

BENEFITS:

- protects the diesel particle filter
- aids the regeneration of DPF systems
- ensures optimal combustion
- reduces the build-up of particulates
- especially suited to vehicles used for city driving and those that drive short distances



Diesel Purge

Strong cleaning Diesel Additive to restore proper operation of the injection system.

Mix in with fuel at each inspection as a preventive measure. In case of problems run the engine directly with Diesel Purge through intake line or diesel filter.

USA

Part-No. LM2005 (500 ml)

Canada

Part-No. LM7704 (500 ml)

BENEFITS:

- cleans injector nozzles and restores power
- lowers smoke and particulate emission
- eliminates knocking, pinging and shaking
- removes deposits and eases starting
- complies with the federal low sulphur content requirements for use in diesel motor vehicles and nonroad engines.



Before



After

RADIATOR ADDITIVES



Radiator Cleaner

Deposits in the radiator/heating system form a barrier to heat exchange, block thermostatic valves and regulator mechanisms. Temperatures which are too high cause the engine to run economically with a high risk of wear and damage. Radiator cleaner reliably removes these dangerous deposits and allows the engine to run at the optimum temperature and operational reliability.

Suitable for all coolant and heating systems. Does not contain aggressive acids or alkalis and is acid neutralising. 300 ml is sufficient for 2.6 gal (10 l) of coolant water.

Part-No. LM2051 (300 ml)

BENEFITS:

- does not contain acids or alkalis
- disperses sludge
- removes oil and grease residues
- chemical conversion of lime
- neutralizes acids
- neutral behavior in contact with rubber and plastics
- compatible with antifreezes



Radiator Stop-Leak

Small leaks caused by stone impacts, porous soldering points and hairline cracks in the cooling system can be easily stopped (in addition to leaks not easily seen, by noticing decreasing coolant reservoir levels after rides). LIQUI MOLY Radiator Stop-Leak completely seals such leaks immediately with ease. Secures the combustion chamber from damages caused by coolant admission.

For all cooling water and heating systems with and without water filters. Also suitable for aluminum and plastic radiators. The contents is sufficient for 2.6 gal (10 l) of coolant. Compatible with all standard treating agents for coolants and antifreeze. Can also be used as a preventive measure.

Part-No. LM20132 (250 ml)

BENEFITS:

- compatible with conventional coolant water refiners and antifreezes
- suitable for aluminum radiators
- permanently and reliably seals hairline cracks and small leaks
- no negative side effects on the water pump or heating circuit

TRUCK SERIES

LIQUI MOLY is Germany's leading brand of high quality motor oils and oil and fuel additives. The LIQUI MOLY truck series is specifically engineered for the abuse you put your truck through. From towing, hauling to your every day driving, LIQUI MOLY additives keep your truck running at optimal performance.



TRUCK SERIES



Truck Series Oil Treatment

Engine Armor with MoS₂. Engine Armor with MoS₂. The molybdenum disulphide (MoS₂) in the additive forms a highly-durable lubrication film on all metal surfaces. High operational security thanks to optimum wear protection.

Suitable for all standard motor oils in gasoline and diesel engines. Can be first used between the oil change intervals, then add every time the oil is changed. The can is sufficient for up to 7 litres (7.4 U.S. QT) of motor oil. Minimum oil filling of 3 liters (3.17 U.S. QT) is requested for optimum product performance. Optimum dosage with approx. 5% of the oil fill capacity.

Part-No. LM20256 (500 ml)

BENEFITS:

- reduces friction and engine wear
- ensures the engine runs quietly
- reduces the consumption of oil and fuel

TRUCK SERIES



Truck Series Complete Fuel System Cleaner

Eliminates start problems and rough engine running. Ensures optimal mixture formation.

Suitable for all gasoline engines. The can is sufficient for up to 30 gal. (115 litres) of fuel. Effect lasts up to 1200 miles (2000 km). Minimum fuel filling of 7 gal. is requested for optimum product performance.

Part-No. LM20250 (500 ml)

BENEFITS:

- removes deposits on injection valves, on intake valves, spark plugs and in the combustion chamber and prevents new deposits forming
- cares for all parts of the injection system
- protects the whole fuel system from corrosion
- improves the gas acceptance and the compression
- optimises the exhaust gas values and the performance of the engine
- clean engines consume less fuel and emit fewer pollutants

TRUCK SERIES



Truck Series Complete Diesel System Cleaner

Successfully tested in international testbench investigations. Optimizes the combustion process. The engine regains its original power.

Add to fuel to cure acute engine problems. The can is sufficient for up to 30 gal. (115 litres) of diesel fuel. Minimum fuel filling of 7 gal. is requested for optimum product performance.

Part-No. LM20252 (500 ml)

BENEFITS:

- removes deposits on injection nozzles and in the combustion chamber
- increases the cetane number
- reduces engine knocking and ensures smooth acceleration
- optimises the exhaust gas values
- cleaner engines burn less fuel and lower CO2 emissions

Truck Series Diesel Performance and Protectant

Optimizes the combustion process. The engine regains its original power.

The can is sufficient for up to 30 gal. (115 litres) of diesel fuel. Effect lasts up to 1200 miles (2000 km). Minimum fuel filling of 7 gal. is requested for optimum product performance.

Part-No. LM20254 (500 ml)

BENEFITS:

- removes deposits in the diesel injection system and in the combustion chamber and prevents new deposits forming
- looks after all parts of the diesel injection system
- increases the cetane number and improves the ignitability of the diesel fuel
- ensures the engine runs quietly
- protects against corrosion and wear
- optimises the exhaust gas values and performance of the engine
- clean engines consume less fuel and emit fewer pollutants

TRUCK SERIES



Truck Series DPF Protector

Helps prevent Diesel Particulate Filter from clogging. Suitable for diesel vehicles with diesel particulate filter as long as these are not already fitted with an electronically controlled additive tank system for filter regeneration. Add to the fuel every 1200 miles (2000 km) just before filling up. The can is sufficient for 25-30 gal. (90-120 liters) of diesel fuel.

Part-No. LM20258 (500 ml)

BENEFITS:

- protects the diesel particulate filter
- regeneration aid for DPF systems
- guarantees the best possible combustion
- reduces soot formation
- especially suitable for short-distance and city vehicles



I use it!

**"Thank you for making
products specially
for us truck drivers!"**

*Armin Schwarz
German Rally Legend
and Baja driver*



See the whole success story:

www.iuseit.us

MOTOR OILS

OIL PENETRATION TIMES OF AN ENGINE

It takes this long until the motor oil has reached the last lubrication point during cold start (0°C).



VISCOSITY 5W-XX



VISCOSITY 10W-XX



VISCOSITY 15W-XX

Be sure to take the vehicle manufacturer's specifications into account with regard to the oil specifications and oil change intervals.

The quality of motor oils is defined by a complex combination of letters and numbers. These will be explained as follows. The correct oil for your car can be identified by our printed oil guide or in the internet at www.liqui-moly.us.

API CLASSIFICATIONS

The American Petroleum Institute (API) has laid down the quality requirements and test criteria for motor oils worldwide. S stands for gasoline and C for diesel engines. The next letter denotes the issue of the classification. API-SN is currently the latest and highest quality grade for gasoline engines.

ACEA SPECIFICATIONS

The ACEA (Association des Constructeurs Européens d'Automobiles) has been the official successor to the CCMC since 01.01.96. This organization defines the quality of motor oils according to European specifications. The ACEA classifications use the abbreviations A1, A2, A3 and A5 for passenger vehicle gasoline engines. The abbreviations B1, B2, B3, B4, B5 apply to passenger vehicle diesel engines.

There are so-called Low SAPS or Mid SAPS oils for passenger car gasoline and diesel engines with exhaust gas aftertreatment, e.g. soot particulate filter, as per Euro 4 standard or higher. These oils also carry the designations C1, C2, C3 or C4. The abbreviations E2, E3, E4, E5, E6, E7, E9 apply to diesel engines in commercial vehicles and working machinery. The additional number indicates performance criteria.

EUROPEAN EXHAUST GAS REGULATIONS

Vehicles are classified by different Euro standards – 0/1/2/3/4/5/6 – according to the emissions they produce. Defined limits apply for nitrogen oxides (NOx), carbon monoxide (CO), unburned hydrocarbons (HC) and particulate mass (PM). The strictest requirements at present are for vehicles of the Euro 6 class. The maximum permitted limits have been reduced by 66 % for HC and PM and by 80 % for NOx compared with the Euro 5 standard. In addition to a change in engine technology and exhaust gas aftertreatment systems, these tougher exhaust gas regulations require a higher quality of oil. Almost all vehicle manufacturers use what are known as low/mid-SAPS motor oils for new vehicles. These requirements are met and even exceeded by the LIQUI MOLY motor oils of the "Top Tec" series.

MOTOR OILS

OEM APPROVALS

Different passenger vehicle manufacturers place additional requirements on motor oils: for example, Mercedes-Benz – Sheets 228.1, 228.3 228.5 and 228.51 for commercial vehicle diesel engines and 229.1, 229.3, 229.31, 229.5, 229.51 and 229.52 for passenger vehicle gasoline and diesel engines; VW: Out-of-date VW Standard 500 00 already withdrawn, VW Standard 501 01 is the standard for gasoline engines, VW Standard 505 00 for diesel engines with exhaust-gas turbocharging, 505 01 for diesel engines with pumped-jet injection systems and VW Standard 502 00 for gasoline engines with enhanced performance. All VW standards named require a change interval of a maximum of 15,000 km or, for low mileage drivers, an annual oil change interval. VW Standards 503 00/506 00/506 01 are valid for gasoline engines, diesel engines with and without pumped-jet injection as well as extended maintenance intervals (WIV) as of model year 2000. For pumped-jet engines with extended maintenance intervals (WIV), the standard 506 01 came into effect starting 5/2001. A Standard 506 01 lubricant is currently mandatory for R5 and V10 TDI engines up to manufacture year June 2006. All other engines can be filled with Standard 504 00/507 00 oil (LIQUI MOLY Top Tec 4200). With this motor oil, oil change intervals of up to 50,000 km are possible as per the manufacturer's specifications. The oil change must however be performed after 2 years, at the latest (see manufacturer's specifications).

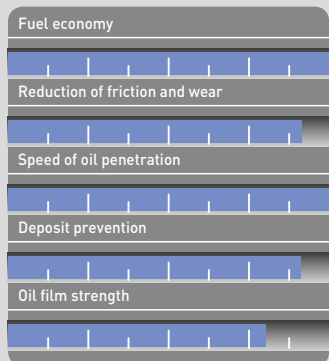


Special Tec V SAE 0W-20

Low-friction motor oil based on fully synthetic technology. The combination of non-conventional base oils and modern additive technology reduces the friction inside the engine to a minimum and ensures maximum engine performance as well as low fuel consumption.

Part-No.
LM20198 (1 l)
LM20200 (5 l)

Specifications and approvals: Volvo VCC RBS0-2AE



This classification is based on an internally conducted LIQUI MOLY quality assessment and serves exclusively to compare the performance of all LIQUI MOLY oils among each other.

MOTOR OILS



Special Tec AA SAE 0W-20

Fully synthetic premium-class fuel-efficient engine oil, that has been developed for the year-round use in **A**sian and **A**merican vehicles. The combination of unconventional base oils and the latest additives guarantees an engine oil which protects against wear, reduces oil and fuel consumption, and keeps the engine clean and providing quick oiling of the engine.

Part-No.

LM2207 (1 l)

LM8072 (60 l)

LM2208 (5 l)

LM8067 (205 l)

Top Tec 6200 SAE 0W-20

High-tech low-friction motor oil based on fully-synthetic technology. Developed for the high requirements of selected Audi, Porsche and VW. The lower viscosity ensures excellent cold-start behavior, improves engine efficiency and reduces consumption. The innovative additive technology ensures excellent protection against wear, impressive engine cleanliness and greater oxidation stability.

Part-No.

LM20236 (1 l)

LM20783 (60 l)

LM20238 (5 l)

LM20785 (205 l)

Specifications and approvals:

API SN; ILSAC GF-5

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

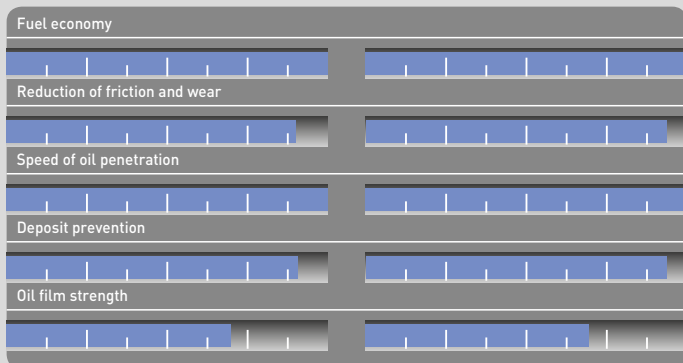
Chrysler MS-6395; Daihatsu; Ford WSS-M2C 946-A, GM 6094 M; Honda; Hyundai; Isuzu; Kia; Mazda; Mitsubishi DiaQueen; Nissan; Subaru; Suzuki; Toyota

Specifications and approvals:

VW 508 00; VW 509 00

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Porsche C20



This classification is based on an internally conducted LIQUI MOLY quality assessment and serves exclusively to compare the performance of all LIQUI MOLY oils among each other.

MOTOR OILS



Special Tec V SAE 0W-30

Especially suitable for Volvo vehicles. Low-friction engine oil based on fully synthetic technology – ensures reliable prevention of deposits, has an extremely high shear stability, reduces friction in the engine and provides excellent protection against wear. Optimally suited to state-of-the-art diesel and petrol engines with and without multi-valve technology, Valvetronic, turbochargers and with and without diesel particle filters (DPF) or intercooling. It is especially suitable for long oil change intervals and high engine loads.

Part-No.
LM20202 (1 l)
LM20204 (5 l)

Specifications and approvals:
ACEA A5/B5; API SL/CF; ILSAC GF-3;
Volvo VCC 95200377



Synthoil Energy A40 SAE 0W-40

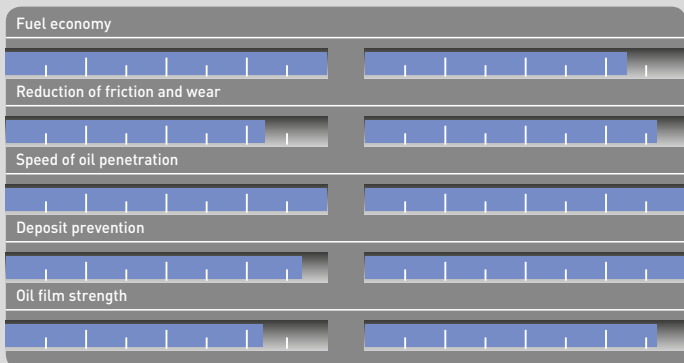
Fully synthetic super energy-conserving viscosity. Promotes rapid oil delivery in the engine. Optimum engine lubrication from the first turn of the engine and significantly less wear. For gasoline engines. Specially suitable for high-tech engines. Year-round oil for very long periods between oil changes.

Part-No.
LM2049 (1 l)
LM2050 (5 l)

Specifications and approvals:
API SN; ACEA A3; ACEA B4; Porsche
A40

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

BMW Longlife-01; Ford WSS-M2C
937-A; MB 229.3; MB 229.5; VW 502
00; VW 505 00



MOTOR OILS



Special Tec F ECO SAE 5W-20

Fully synthetic Special Tec F ECO has been specifically designed for certain Ford Eco Boost engines. This is a low SAPS, low-friction motor oil. The additive package in the motor oil helps to keep the engine clean, offers superior lubrication and supports higher fuel economy. Ford recommends its use for all engines for which oils of specifications WSS-M2C913-B, WSS-M2C913-C or WSS-M2C925-B are currently required.

Part-No.	LM20126 (20 l)
LM2263 (1 l)	LM3843 (60 l)
LM2264 (5 l)	LM3844 (205 l)

Specifications and approvals:
API SN; Ford WSS-M2C 948-B;
Jaguar/Land Rover STJLR.03.5004

Special Tec AA SAE 5W-20

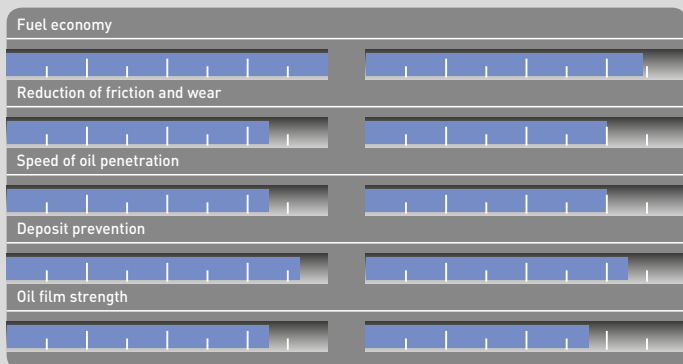
Fully synthetic premium-class fuel-efficient engine oil, that has been developed for the year-round use in Asian and American vehicles. The combination of unconventional base oils and the latest additives guarantees an engine oil which protects against wear, reduces oil and fuel consumption, and keeps the engine clean and providing quick oiling of the engine.

Part-No.		
LM2258 (1 l)	LM3835 (60 l)	
LM2259 (5 l)	LM7622 (205 l)	

Specifications and approvals:
API SN; ILSAC GF-5

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Chrysler MS-6395; Daihatsu; Ford WSS-M2C 925-A; Ford WSS-M2C 930-A; Ford WSS-M2C 945-A; GM; Honda; Hyundai; Isuzu; Kia; Mazda; Mitsubishi DiaQueen; Nissan; Subaru; Suzuki; Toyota



This classification is based on an internally conducted LIQUI MOLY quality assessment and serves exclusively to compare the performance of all LIQUI MOLY oils among each other.

MOTOR OILS



Top Tec 4605 SAE 5W-30

Fully-synthetic low-SAPS engine oil for all-season use in gasoline and diesel engines with or without diesel particulate filters (DPF) and exhaust-gas turbochargers. The state of the art additive technology guarantees a motor oil that provides exceptional protection against wear and reduces oil and fuel consumption, while ensuring that the engine is immediately supplied with oil.

Part-No.

LM2243 (1 l)	LM8940 (60 l)
LM2244 (5 l)	LM8941 (205 l)
LM20123 (20 l)	LM20732 (1000 l)

Specifications and approvals:

API SN/CF; ACEA C3; MB-Approval 229.52/229.51/229.31; BMW Longlife-04; VW 502 00/505 00/505 01

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

ACEA A3/B4; dexos2; Fiat 9.55535-S3; Ford WSS M2C 917-A



Top Tec 4200 SAE 5W-30

Beside the universal use in vehicles from the Audi/VW group it is also suitable for BMW diesel, Mercedes-Benz diesel, etc. Fully synthetic.

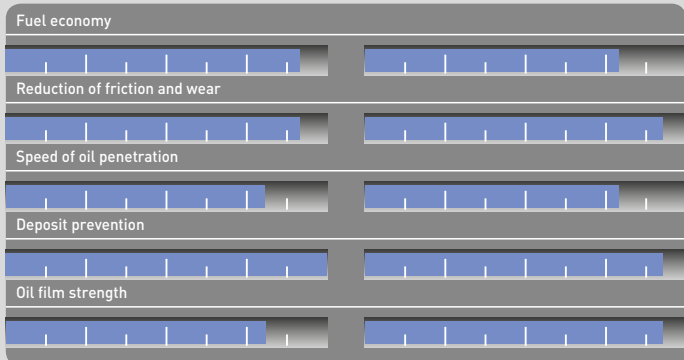
Part-No.	LM20125 (20 l)
LM2004 (1 l)	LM3709 (60 l)
LM2011 (5 l)	LM3711 (205 l)

Specifications and approvals:

ACEA C3; API SN; BMW Longlife-04; MB-Approval 229.31/229.51; Porsche C30; VW 504 00/507 00

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

ACEA A3/B4/A5/B5/C2; API CF; Fiat 9.55535-S1; Fiat 9.55535-S3; Peugeot Citroen (PSA) B71 2290; VW 500 00/501 01/502 00/503 00/503 01/505 00/505 01/506 00/506 01



MOTOR OILS



Special Tec LL SAE 5W-30

Fully synthetic, high-tech low-viscosity motor oil. With advanced wear-protection formula. Fastest cold-start oiling during starting and minimum friction during daily driving ensure an extremely long engine service life. Provides the ideal oil pressure under all operating conditions. Keeps oil consumption low. Exceeds the strict test requirements demanded by renowned manufacturers.

Part-No.

LM2248 (1 l)	LM1195 (60 l)
LM2249 (5 l)	LM1196 (205 l)
LM20124 (20 l)	LM20733 (1000 l)

Specifications and approvals:

ACEA A3/B4; API SL/CF; BMW Longlife-01; MB-Approval 229.5; VW 502 00/505 00

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Opel GM-LL-A-025; Opel GM-L-B-025

Longtime High Tech SAE 5W-30

Low SAPS fully synthetic motor oil, specially developed for diesel vehicles with diesel particulate filters (DPF). Tested safe with catalytic converters and turbochargers.

Part-No.

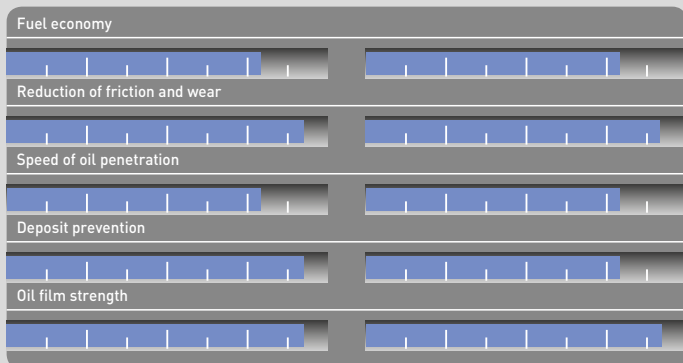
LM2038 (1 l)	LM1139 (60 l)
LM2039 (5 l)	LM1140 (205 l)

Specifications and approvals:

ACEA C3; API SN/CF; BMW Longlife-04; MB-Approval 229.51; VW 502 00/505 00/505 01

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

ACEA A3/B4; Fiat 9.55535-S3; Ford WSS-M2C 917-A; MB 229.31



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MOTOR OILS



Special Tec AA SAE 5W-30

Fully synthetic premium-class fuel efficient engine oil, that has been developed for the year-round use in Asian and American vehicles. The combination of unconventional base oils and the latest additives guarantees an engine oil which protects against wear, reduces oil and fuel consumption, and keeps the engine clean and providing quick oiling of the engine.

Part-No. LM20138 (5 l)
LM20136 (1 l) LM7518 (205 l)

Specifications and approvals:

API SN; ILSAC GF-5

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

API CF; Chrysler MS-6395; Daihatsu; Ford WSS-M2C 946-A; GM; Honda; Hyundai; Isuzu; Kia; Mazda; Mitsubishi; Nissan; Subaru; Suzuki; Toyota



Longlife III SAE 5W-30

Fully synthetic low-friction motor oil based on Longlife 3 generation. Guarantees superb engine cleanliness. Reduces the build-up of troublesome deposits. Assures reliable operation and maximizes the operating life of the diesel particulate filter (DPF). For use with vehicles with long oil change intervals (WIV, etc.).

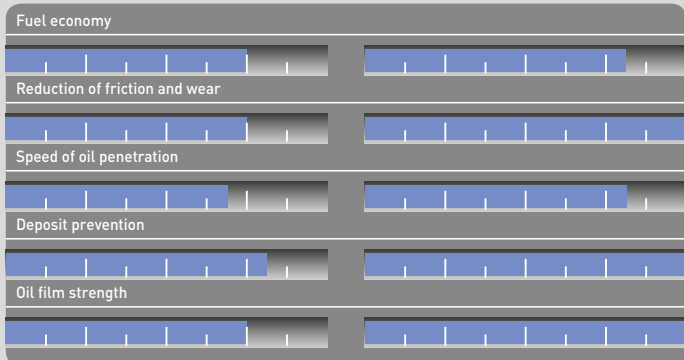
Part-No.
LM20220 (1 l)
LM20222 (5 l)

Specifications and approvals:

ACEA C3; API SN; VW 504 00/507 00

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

API CF; BMW Longlife-04; MB 229.51; Porsche C30



MOTOR OILS



Molygen New Generation 5W-30

This state of the art low-friction motor oil combines reliable synthetic base oils and advanced additive technology. The powerful MFC (Molecular Friction Control) technology ensures that the motor oil is of low viscosity with a high shear stability. It prevents the formation of deposits while simultaneously reducing frictional losses in the engine. This unique synergistic effect provides the optimum protection from wear and a flawless running engine. Improvements can be seen in reduced fuel consumption and extended service life for the engine. The advanced oil engineering is further underlined by the distinguished green fluorescent color.

Part-No.

LM20226 (1 l) LM9044 (60 l)
LM20228 (5 l) LM9045 (205 l)

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

API SN/CF; ILSAC GF-5; Chrysler; Daihatsu; Ford; GM; Honda; Hyundai; Isuzu; Kia; Mazda; Mitsubishi; Nissan; Subaru; Suzuki; Toyota

Molygen New Generation 5W-40

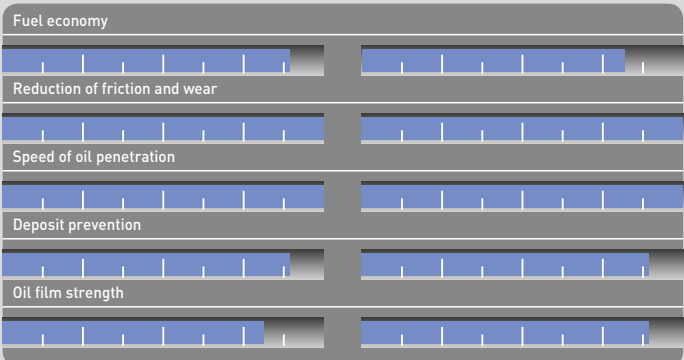
This state of the art low-friction motor oil combines reliable synthetic base oils and advanced additive technology. The powerful MFC (Molecular Friction Control) technology ensures that the motor oil is of low viscosity with a high shear stability. It prevents the formation of deposits while simultaneously reducing frictional losses in the engine. This unique synergistic effect provides the optimum protection from wear and a flawless running engine. Improvements can be seen in reduced fuel consumption and extended service life for the engine. The advanced oil engineering is further underlined by the distinguished green fluorescent color.

Part-No.

LM20230 (1 l) LM9056 (60 l)
LM20232 (5 l) LM9057 (205 l)

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

ACEA A3/B4; API SN; API CF; BMW Longlife-01; MB 229.5; Porsche A40; Renault RN 0700; VW 502 00/505 00



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MOTOR OILS



Top Tec 4100 SAE 5W-40

Fully synthetic motor oil that provides exceptional protection against wear and reduces oil and fuel consumption, while ensuring that the engine is immediately supplied with oil. In addition, TOP TEC 4100 is best suitable for gas fuelled (CNG/LPG) passenger cars.

Part-No.

LM2329 (1 l)

LM3703 (60 l)

LM2330 (5 l)

LM3704 (205 l)

Specifications and approvals:

ACEA C3; API SN/CF; BMW Longlife-04; Ford WSS-M2C 917-A; MB-Approval 229.31; Porsche A40; VW 502 00/505 00/505 01

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

ACEA A3/B4; Fiat 9.55535-H2/M2/S2; Renault RN 0700/0710



Synthoil Premium SAE 5W-40

Fully synthetic, all-season motor oil for superior performance and long engine life in gasoline and diesel vehicles. Tested safe with catalytic converters and turbochargers. Exceeds all major European car manufacturer's requirements.

Benefits:

- saves fuel
- instant lubrication after cold start
- maximum engine performance
- keeps engine clean
- for extended service intervals

Part-No.

LM2040 (1 l)

LM2099 (60 l)

LM2041 (5 l)

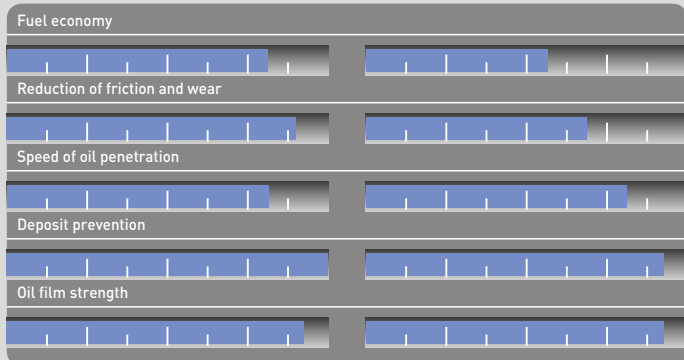
LM2069 (205 l)

Specifications and approvals:

ACEA A3/B4; API SN/CF

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

BMW Longlife-98; MB 229.3; Porsche A40; VW 502 00/505 00



MOTOR OILS



Leichtlauf High Tech SAE 5W-40

Modern top class low-friction, fully synthetic motor oil for all-season use in gasoline and diesel engines with-out diesel particulate filters (DPF).

Part-No.

LM2331 (1 l)	LM3868 (60 l)
LM2332 (5 l)	LM3869 (205 l)
LM20122 (20 l)	LM20731 (1000 l)

Specifications and approvals:

ACEA A3/B4; API SN/CF; BMW Longlife-01; MB-Approval 229.5; Porsche A40; Renault RN 0700/0710; VW 502 00; VW 505 00

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Chrysler MS-10725/10850; Fiat 9.55535-H2/M2/N2/Z2; Opel GM-LL-B-025; Peugeot Citroen (PSA) B71 2294/2296

Diesel High Tech SAE 5W-40

With improved wear-protection formula for pump-jet engines. Fully-synthetic low-viscosity motor oil. For the demanding diesel driver. Fastest cold-start oiling during starting and minimum friction during daily driving ensure an extremely long engine service life. Excellent dirt-suspending and cleaning properties keeps the engine optimally clean. Reduces oil thickening through particulate drag-in. Provides a stable lubricating film even under extreme operating conditions.

Part-No.

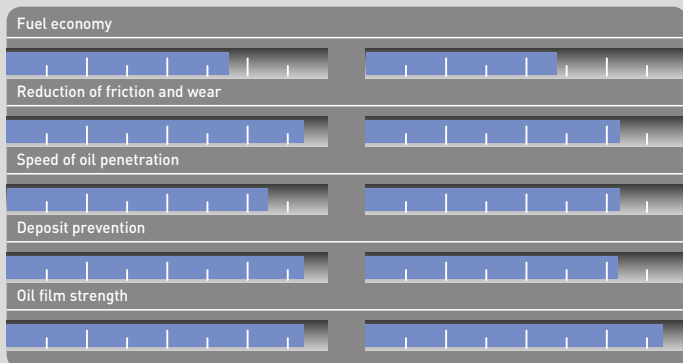
LM20006 (1 l)	LM1334 (60 l)
LM2022 (5 l)	LM1335 (205 l)

Specifications and approvals:

ACEA C3; API CF; Ford WSS-M2C 917-A; VW 505 00; VW 505 01

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

ACEA B4; VW 500 00; VW 502 00



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MOTOR OILS



MoS2 Antifriction SAE 10W-40

Special product developed by LIQUI MOLY. All-season motor oil including molybdenum disulfide (MoS₂) for extra wear protection. This additive gives the oil its gray color! Tested safe with catalytic converters and turbochargers. Often used for older and highmileage cars.

Part-No.

LM2042 (1 l)

LM1090 (60 l)

LM2043 (5 l)

LM1094 (205 l)

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

ACEA A3/B4; API SL/CF



Synthoil Race Tech GT1 SAE 10W-60

Fully synthetic energy-conserving motor oil for extreme conditions. With the wide-range viscosity 10W-60. High thermal stability. Lubrication is also reliably maintained at extreme temperatures. Optimises engine performance. Immediate lubrication during cold starting and significantly improved wear protection. Fine-tuned to the demands of the latest generation power units.

Part-No.

LM20127 (20 l)

LM2068 (1 l)

LM1393 (60 l)

LM2024 (5 l)

LM1394 (205 l)

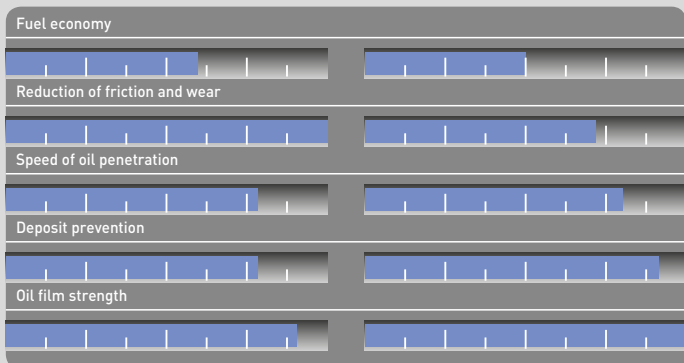
Specifications and approvals:

ACEA A3/B4; API SL/CF

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Fiat 9.55535-H3

LIQUI MOLY recommends this oil for BMW M-series cars without turbocharged engines.



MOTOR OILS



Touring High Tech Diesel Special Oil SAE 15W-40

Especially suitable for vehicles with high mileage. Mineral high-performance motor oil. For the demanding diesel driver. Reduces oil thickening through particulate drag-in. Provides a stable lubricating film even under extreme operating conditions. With advanced wear-protection technology. Keeps engine gaskets such as the shaft seal and valve stem seals elastic and ensures low oil consumption.

Part-No. LM1072 (60 l)
LM2044 (5 l) LM1075 (205 l)

Specifications and approvals:

ACEA B4/E2; Allison C4; API CF/CG-4; MAN M 3275-1; MB-Approval 228.3/229.1; Volvo VDS

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Caterpillar TO-2; Mack EO-L; MTU Typ 2

Touring High Tech SAE 20W-50

Touring High Tech Engine Oil SAE 20W-50 is a year-round, high-performance mineral engine oil which is formulated according to the latest technology. Selected base oils and a high additive content guarantee optimum lubrication under all running conditions and with extended periods between oil changes.

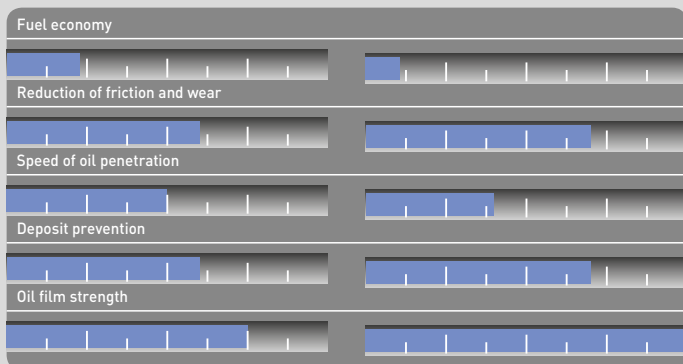
Part-No. LM1254 (60 l)
LM20114 (5 l) LM1260 (205 l)

Specifications and approvals:

ACEA A3/B4/E2; Allison C4; API SL/CF/CG-4; MIL-L 2104 E

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Caterpillar TO-2; MAN 271; MB 228.3



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GEAR OILS



ATF II/III

Top Tec ATF 1100

Fully synthetic automatic transmission oil with high performance reserves. Provides high thermal stability, ensuring ideal aging resistance. Excellent wear protection, favorable friction behavior, high safety reserves through modern additive technology, and with improved formula for long transmission life. Compatible with all sealing materials. Replaces Part-No. 2034.

BENEFITS:

- excellent viscosity/temperature properties
- highest thermal stability
- outstanding friction characteristics
- minimizes wear
- high chemical resistance
- optimum stability to aging
- very good low-temperature properties
- excellent corrosion protection

Part-No.

LM20118 (1 l) LM3654 (60 l)
LM20120 (20 l) LM3655 (205 l)

Specifications and approvals:

Allison C4; Dexron II D/II E/III G/III H; Dexron TASA (Typ A/Suffix A); Ford Mercon; MAN 339 Typ L1/V1/Z1; MB-Approval 236.1; Voith H55.6335.XX (G 607); ZF TE-ML 04D/14A/17C

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Allison TES 389; Caterpillar TO-2; MB 236.6; Volvo 97341; ZF TE-ML 02F/03D/09/11A/11B/14B



Top Tec ATF 1200

Prevents build-up of harmful deposits. 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.

BENEFITS:

- automatic gear oil from the latest generation
- conforms to the requirements of numerous unit and vehicle manufacturers

Part-No. LM20022 (20 l)
LM20018 (1 l) LM3684 (60 l)
LM20020 (5 l) LM3685 (205 l)

Specifications and approvals:

Allison C4; Dexron III H; Ford Mercon V; Honda ATF Z1 (without CVT); Hyundai SP II/SP III; JASO 1-A; Kia SP-II/III; Mazda ATF M III/M-V; Mitsubishi SP-II/SP-III; Nissan AT-Matic D/J/K Fluid; Toyota Type T-II/T-IV

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Allison TES 295; BMW 7045 E/8072 B/LA 2634/LT 71141; Caterpillar TO-2; Chrysler ATF +3/+4; Daimler NAG-1; JWS 3309 (Aisin Warner); MAN 339 Typ V1/Z1/Z2; MB 236.2/236.3/236.5/236.6/236.7/236.9/236.10/236.11; Subaru ATF; Voith H55.6335.XX (G 607); Volvo 97340/97341; VW G 052 162/990; VW G 055 025; ZF TE-ML 02F/03D/04D/05L/09/11A/11B/14A/14B/17C

GEAR OILS



Top Tec ATF 1400

Top Tec ATF 1400 is a high performance automatic transmission fluid of the new generation based on fully synthetic technology. It was developed specifically for use in CVTs with thrust link belt or a gear chain made of steel. The basis of modern base oils and select additives offer the best possible anti-froth protection, which is necessary for CVTs. It also features very good stability against aging and oxidation. Top Tec ATF 1400 is tried and tested, most notably in the Mercedes-Benz A-Class and B-Class Autotronic transmissions and in continuously variable automatic transmissions (Multitronic) in Audi vehicles.

BENEFITS:

- outstanding friction characteristics
- very good low-temperature properties
- excellent wear resistance
- prevents foam formation
- outstanding resistance to oxidation
- excellent corrosion protection
- excellent viscosity/temperature properties
- extremely stable to aging

Part-No.

LM20036 (1 l) LM20614 (60 l)
LM20121 (20 l) LM3661 (205 l)

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Dodge NS-2/CVTF+4; Ford CVT23; Ford CVT30/MERCON C; GM/Saturn DEX-CVT; Honda HCF2; Honda HMMF; Jeep CVTF+4/NS-2; Mini Cooper (EZL 7/99); Mitsubishi CVTF-J1/CVTF-J4; MB 236.20; Nissan CVT NS-2/NS-3 Fluid; Subaru Lineartronic CVTF; Subaru NS-2; Suzuki NS-2/TC/CVT Green1; Toyota CVTF FE/TC; VW G 052 180; VW G 052 516



Top Tec ATF 1600

Fully synthetic automatic transmission oil from the latest generation with extremely high performance reserves. Excellent ageing stability. Secures maximum transmission performance. Especially suitable for shifting problems. With improved formula for long transmission life. Enables extremely long oil change intervals. Color: Red.

BENEFITS:

- ideal viscosity/temperature properties
- best possible anti-froth protection

Part-No. LM20026 (20 l)
LM20024 (1 l) LM3696 (60 l)

Specifications and approvals:

MB-Approval 236.14

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

MB 236.12

GEAR OILS



Top Tec ATF 1800

Top Tec ATF 1800 is one of the new generation of low-viscosity high-performance oil for automatic transmissions. It is based on fully synthetic 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.

BENEFITS:

- optimal protection against foaming
- extremely good low temperature properties
- very good corrosion protection characteristics

Part-No. LM20032 (1 l) LM3689 (60 l)
LM20034 (20 l) LM20624 (205 l)

Specifications and approvals:

Dexron VI; Mercon LV

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

Aisin Warner AW-1; BMW 83 22 2 305 396; BMW 83 22 2 305 397; BMW 83 22 2 152 426; BMW 83 22 0 142 516; BMW 83 22 2 289 720; BMW M-1375.4; Fiat 9.555550-AV5; JWS 3324 (Aisin Warner); Land Rover TYK 500050; Honda ATF DW-1; Hyundai SP IV; Mazda ATF FZ; Nissan AT-Matic S Fluid; Toyota WS; VW G 055 005/540; VW G 060 162



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. Color: Blue.

BENEFITS:

- reduces fuel consumption
- excellent viscosity/temperature properties
- outstanding friction characteristics
- high efficiency
- very good low-temperature properties

Part-No. LM20030 (20 l)
LM20028 (1 l) LM20615 (60 l)

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

MB 236.15

GEAR OILS



Dual Clutch Transmission Oil 8100

This hi-tech lubricant was developed specifically for the requirements of the increasingly prevalent dual clutch transmissions (DCT). Dual clutch transmission oil 8100 is especially also suited for dual clutch transmissions equipped with a shared oil supply for clutch, synchronization, gear set and hydraulic control.

BENEFITS:

- extreme shear stability
- superb wear protection
- great low temperature properties
- good ageing and oxidation stability
- optimal viscosity

Part-No.

LM20044 (1 l) LM20046 (20 l)
LM20116 (5 l) LM3642 (60 l)

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

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 MTF LT-5; BMW DCTF-1; Chrysler; Ford WSS-M2C 936-A; MB 236.21; Mitsubishi MZ320065 Dia-Queen SSTF-I; Nissan WSS-M2C 936-A; Peugeot Citroen (PSA) 9734.S2; Porsche 999.917.080.00; Volvo 1161839; Volvo 1161838; VW G 052 182; VW G 052 529

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

Fully synthetic hypoid gear oil with LS additive for passenger vehicles, particularly BMW vehicles with locked axle systems and extended periods between oil changes as well as numerous Japanese transmission types. High-load vehicle hypoid transmissions. The manufacturer's operating instructions must be followed.

BENEFITS:

- suitable for the highest load carrying capacities

Part-No. LM4423 (60 l)
LM20042 (1 l) LM4444 (205 l)

Specifications and approvals:

API GL5

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

BMW Hinterachsgetriebeöl; Ford WSL-M2C 192A; Scania STO 1:0; VME; ZF TE-ML 05D/12D/16G/21D

GEAR OILS



Hypoid Gear Oil (GL5) SAE 85W-90

Hypoid Gear Oil SAE 85W-90 is a high-performance, high-pressure gear oil manufactured from carefully selected base oils and multifunctional "extreme pressure" additives. It is suitable for powered transmission and axle drives, especially for high-load hypoid transmissions.

BENEFITS:

- highest pressure-absorption capability
- reduces wear
- reduces running noise
- excellent viscosity/temperature properties
- excellent ageing resistance
- compatible with all sealing materials

Part-No. LM1031 (60 l)
LM20010 (1 l) LM2165 (205 l)

Specifications and approvals:

API GL5; MAN 342 Typ M1; MB-Approval 235.0; MIL-L 2105 D; ZF TE-ML 16C/17B/19B/21A; ZF-approval number ZF000695



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.

BENEFITS:

- excellent viscosity/temperature properties
- outstanding seal compatibility
- excellent resistance to aging
- excellent wear resistance
- high pressure-absorption capability
- wide viscosity range
- reduces gearshift resistance
- excellent corrosion protection
- reduces transmission noise

Part-No. LM20014 (20 l)
LM20012 (1 l) LM4436 (60 l)

Specifications and approvals:

API GL4+; Ford ESD-M2C 175-A

LIQUI MOLY also recommends this product for vehicles that require the following specifications:

VW 501 50 (G50); ZF TE-ML 08

GEAR OILS



Fully Synthetic Gear Oil SAE 75W-90

Fully synthetic high-performance gear oil for extended oil-change intervals and extreme loads.

BENEFITS:

- for manual transmissions, transaxles, rear axles, hypoid gearing
- for easier shifting and quieter operation
- provides superior wear protection and significant noise reduction
- enhances gear capacity, reduces friction and drag

Part-No. LM1412 (60 l)
LM2048 (1 l) LM1411 (205 l)

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



Gear Oil (GL4) SAE 85W-90

Mineral transmission oil. Provides a stable lubricating film. Minimizes wear. Provides extremely good lubrication properties and outstanding corrosion protection. Enables smooth shifting.

BENEFITS:

- high pressure-absorption capability
- reduces running noise
- does not attack common sealing materials
- excellent viscosity/temperature properties
- minimizes wear
- high resistance to aging

Part-No. LM1034 (60 l)
LM20016 (1 l) LM1038 (205 l)

Specifications and approvals:
API GL4; MAN 341 Typ E1/Z2; MIL-L 2105; ZF TE-ML 16A/17A/19A; ZF approval number ZF002054

BRAKE FLUIDS



Brake Fluid DOT 4

Synthetic brake fluid based on glycol ethers, alkyl poly glycols and glycol ether esters. It contains inhibitors to prevent the corrosion of metallic brake components and to reduce oxidation at increased temperatures. The brake fluid has a high wet and dry boiling point, thus ensuring safe braking even after the absorption of some moisture over an extended period of use. Special moisture scavengers help to prevent against the formation of steam bubbles.

Ideally suited to use with all disk and drum brake systems, as well as motor vehicle clutch systems for which a synthetic brake fluid of this specification is prescribed. The brake fluid is also ideally suited to use in ABS brake systems.

Part-No.

LM20152 (250 ml)

LM20154 (500 ml)

Specifications and approvals:

FMVSS 116 DOT 4; FMVSS 116 DOT 3; SAE J 1704; SAE J 1703; ISO 4925 Class 4; ISO 4925 Class 3



Brake Fluid DOT 5.1

Synthetic brake fluid based on glycol ethers, alkyl polyglycols and polyglycol esters. It contains inhibitors to prevent the corrosion of metallic brake components and to reduce oxidation at increased temperatures. The brake fluid enjoys excellent wet and dry boiling points, thus guaranteeing safe braking even after the absorption of some moisture over an extended period of use. Special moisture scavengers help to minimize the formation of steam bubbles.

Ideally suited to use with all disk and drum brake systems, as well as motor vehicle clutch systems for which a synthetic brake fluid is prescribed. The brake fluid is also ideally suited to use in ABS brake systems.

Part-No.

LM20158 (250 ml)

Specifications and approvals:

FMVSS 116 DOT 5.1; FMVSS 116 DOT 4; FMVSS 116 DOT 3; ISO 4925 Class 5; ISO 4925 Class 4; ISO 4925 Class 3; SAE J 1704; SAE J 1703

BRAKE FLUIDS



Brake Fluid Race

Synthetic brake fluid. It contains inhibitors to prevent the corrosion of metallic brake components and to reduce oxidation at increased temperatures. The brake fluid has a high wet and dry boiling point, thus ensuring safe braking even after the absorption of some moisture over an extended period of use. Special moisture scavengers help to prevent against the formation of steam bubbles.

Ideally suited to use with all disk and drum brake systems, as well as motor vehicle clutch systems for which a synthetic brake fluid of this specification is prescribed. The brake fluid is also ideally suited to use in ABS brake systems.

Part-No.
LM20156 (250 ml)

Specifications and approvals:

FMVSS 116 DOT 4; ISO 4925 Class 4;
SAE J 1703; SAE J 1704

SALES PROMOTION

The attractive outdoor signage is individually designed and fabricated. LIQUI MOLY outfits repair shops and their sales space with advertising material and outdoor advertising. For further information please get in contact with your regional LIQUI MOLY sales manager.



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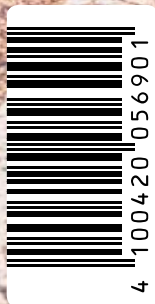
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