



# **AUTOMOTIVE LUBRICANTS**

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Professional Products for your Car

# QUALITY & PERFORMANCE

STRUB automotive lubricants offer a full range of high-quality products for professionals. In our selection we have the right product to meet the needs of all of our customers.

## Engine Oils

<b>STRUB Super Multi Turbo</b> SAE 10W/40, 15W/40	The top oil for a mixed car fleet which has very high requirements and a heavy load.
ACEA E7, E5, E3, B4, B3, A3, API CI 4, MB 228.3, 229.1, VW 501.01, 505.00, Volvo VDS, MAN 271	
<b>STRUB Multigrade</b> SAE 10W/40, 15W/40, 15W/50, 20W/50	It can be used for gasoline and diesel car engines with and without turbochargers, as well as for delivery trucks, station wagons and light-duty commercial vehicles.
ACEA A3, B3, API SL, CF, MB 229.1, VW 501.01; 505.00	
<b>STRUB Partsynt HC Blau</b> SAE 10W/40	STRUB Partsynt HC Blau 10W/40 is an engine oil for all kinds of gasoline and diesel car engines, also for those having exhaust turbochargers. Suitable for trucks, station wagons and light-duty commercial vehicles, as well as for all catalytic converters and kinds of turbochargers.
ACEA A3, B3, B4, API SM, CF, MB 229.1, VW 502.00, 505.00, FEO Fuel Economy Oil	
<b>STRUB Partsynt LA-C1</b> SAE 5W/30	STRUB Partsynt LA-C1 is a premium engine oil based on the latest Low-SAPS-Technology. It has been specially developed for the latest generation of diesel engine passenger cars at Mazda and Mitsubishi.
ACEA C1-10, Ford WSS-M2C934-B, JASO DL-1	
<b>STRUB Partsynt LA-C2</b> SAE 5W/30	STRUB Partsynt LA-C2 is a premium engine oil based on the latest Low-SAPS-Technology. It has been specially developed for the latest generation of diesel engine passenger cars at Citroën, Peugeot, Honda, Mitsubishi and Toyota.
ACEA C2-08, API SN, SM, SL, CF, Peugeot Citroën, PSA B71 2290	
<b>STRUB Partsynt LA-C3</b> SAE 5W/30, 5W/40	STRUB Partsynt LA-C3 is a premium engine oil based on the latest Low-SAPS-Technology with a wide range of application. STRUB Partsynt LA-C3 is suitable for use in a lot of passenger cars having gasoline and diesel engines, both with and without turbochargers.
ACEA C3-08, ACEA A3, B3, B4, API SN, CF, MB229.51, 229.31, VW 502.00, 505.00, 505.01, BMW Longlife-04, OPEL, GM DEXOS 2, GM-LL-025-A, GM-LL-025-B	
<b>STRUB Partsynt LA-C4</b> SAE 5W/30	STRUB Partsynt LA-C4 is a premium engine oil based on the latest Low-SAPS-Technology. It has been specially developed for the latest generation of diesel engine passenger cars at Renault.
ACEA C4-10, Renault RN 0720	
<b>STRUB Polar Longlife III</b> SAE 5W/30	STRUB Polar Longlife III is a premium engine oil. It is a fuel saving high-tech low friction motor oil for modern cars and light commercial vehicles, with or without extended service intervals.
ACEA C3, A3, B3, B4, VW 504.00, 507.00, BMW Longlife-04, MB 229.51, recommendation: Ford M2 C917-A, Porsche C30	
<b>STRUB Profitto Synt STX</b> SAE 5W/40, 5W/50, 10W/50, 10W/60	STRUB Profitto Synt STX is suitable for all passenger cars with a catalytic converter and exhaust turbocharger, for high demands and pressures. Particularly suitable for use in racing cars.
ACEA A3, B3, B4, API SM, SL, CF, FEO Fuel Economy Oil, VW 502.00, 505.00, MB 229.3, Porsche	
<b>STRUB Polar Synt Diamant SXS FM</b> SAE 0W/30, 0W/40	STRUB Polar Synt Diamant SXS FM is a fully synthetic high-performance engine oil for all kinds of gasoline and diesel car engines, both with and without exhaust turbochargers. STRUB Polar Synt Diamant SXS FM was developed for the latest motoring technology and is the ideal product for both new and well-kept older cars.
ACEA A3, B3, B4, API SL, SM, CF, MB 229.3, 229.5, VW 502.00, 505.00, BMW Longlife 01, Renault RN 0700, 0710, Opel Longlife LL-A-025, LL-B-025, Porsche	



# POWER & PRECISION

## Gear Oils

<b>STRUB Gear Oil Universal GL-4</b> SAE 75W, 75W/90, 80W, 90	STRUB Gear Oil Universal GL-4 is suitable for synchromesh gearboxes in passenger cars and light-duty commercial vehicles, as well as for axle drives and transfer gearboxes.
API GL-4, MIL-L-2105, MB 235.1, MAN 341 Type Z-2, Type E-1, ZF TE-ML 02B (SAE 75W, 80W, 75W/90, 90), ZF TE-ML 08 (SAE 80W, 75W/90), ZF TE-ML 16A (SAE 90), ZF TE-ML 17A (SAE 80W)	
<b>STRUB Gear Oil Universal GL-5</b> SAE 75W/90, 90, 85W/140, 140	Ultra high pressure gear oil used for the lubrication of vehicle drive-shafts with hypoid gears. Multi-purpose gear oil for heavily-loaded hypoid gearboxes and manual gearboxes, where prescribed and permitted, for passenger vehicles, commercial vehicles and work machines, as well as many kinds of industrial gears.
API GL-5, MIL-L-2105 B, C, D, E, MAN 342, MB 235.0, ZF TE-ML 05A + 05C (SAE 75W/90, 90, 85W/140), ZF TE-ML 07A (SAE 75W/90, 90, 85W/140), ZF TE-ML 08 SAE (75W/90, 90, 85W/140)	
<b>STRUB Gear Oil LSD</b> SAE 75W/90, 85W/90, 90	STRUB Gear Oil LSD is a special gear oil for limited slip differentials.
API GL-5, MIL-L-2105 B/C/D, Ford ESW-M2C-104A, ESW-M2C-118A, ESW-M2C-119A, GM 4735-M, John Deere JMD J11F, ZF TE-ML 05C (SAE 75W/90, 85W/90, 90), ZF TE-ML 12C (SAE 90), ZF TE-ML 16E (SAE 90)	
<b>STRUB Multigear SGO</b> SAE 80W/90	STRUB Multigear SGO is suitable for use in a wide range of passenger cars, light-duty commercial vehicles, and work machines, as well as in many kinds of industrial gears. For use in manual gearboxes, transfer gearboxes and axle-drives, in vehicles, work machines, construction machines and tractors, as well as with spiral, bevel and spur gears.
API GL-4, API GL-5, API MT-1, MIL-PRF-2105E, Arvin Meritor, ZF TE-ML 02B, 05A, 07A, 08, 12E, 16B, 16C, 16D, 17B, 19B, 21A, MB 235.0, 235.5, 235.6, Volvo 97310, Scania STO 1:0, Ford, Iveco, DAF, MAN 341 E-2, 341 Z-2, 342 M-2, VW TL727	
<b>STRUB Vulcogear HC SGX</b> SAE 75W/90, 80W/140	STRUB Vulcogear HC SGX is a part-synthetic gear oil for axle-drives with hypoid gears being used under normal conditions, as well as for high-performance manual gearboxes. Suitable for passenger vehicles, light-duty commercial vehicles, buses and trucks.
API GL-4, API GL-5, API MT-1 MIL-L-2105D, MIL-PRF-2105E, ZF TE-ML 02B (75W/90), ZF TE-ML 05A, ZF TE-ML 07A, ZF TE-ML 17B (75W/90) Scania STO 1:0, MACK GEO-J	
<b>STRUB Vulcogear Synt SGX</b> SAE 75W/90, 80W/140	The fully synthetic Vulcogear Synt SGX is suitable for use in a wide-range of passenger cars, light-duty commercial vehicles and work machines, as well as in many different kinds of industrial gears. Especially suitable for use in synchronous transmissions, transfer gearboxes and axle-drives with hypoid gears in cars and commercial vehicles.
API GL-4, API GL-5, API MT-1-International Standard, MIL-L-2105 D, MIL-PRF-2105E, MACK GO-J, ZF TE-ML 02B, 05B, 08, 07A, 12B, 16F, 17B, 19C, 21B (SAE 75W/90), Scania STO 1:0, Arvin Meritor, MAN 341 E-3, 341 Z-2, 342 M-3, MB 235.8, MB 235.11, Volvo 97312, Renault, DAF, Iveco	

## Automatic Transmission Fluid (ATF)

<b>STRUB ATF Synthetic M-V</b>	Our synthetic, universal STRUB ATF is designed to lubricate modern automatic gearboxes in cars, light-duty commercial vehicles, in converter and powershift transmissions, as well as in power steering and hydraulic systems.
Ford MERCON V, Allison C-4, JASO 1-A, Voith H55.6335.XX (G607) Volvo 97341, GM DEXRON-VI, GM DEXRON-IIIH, ZF TE-ML 04D, 05L, 09, 11B, 14A, 14B*, 16L, 17C, Allison TES 295*, MB-Approval 236.1, 236.2, 236.5, 236.6, 236.7, 236.9, MAN 339 Type V-1, MAN Type V-2, MAN 339 Type Z-1, MAN 339 Type Z-2, Voith H55.6336, Volvo 97340 Mitsubishi Diamond SP-IV	
<b>STRUB ATF Dexron III-H</b>	The part-synthetic, universal STRUB ATF Dexron III-H is designed to lubricate modern automatic gearboxes in cars, light-duty commercial vehicles, in converter and powershift transmissions, as well as in power steering and hydraulic systems.
General Motors Dexron III-H, General Motors Dexron III-G Ford Mercon V, Allison C-4, MB 236.6, ZF TE-ML 04D/09, 14B, 16L, 17C, Voith G-607 (55.6335.32), MAN, 339 Typ F, Type V-1, Type Z-2, Sperry Vickers, Denison, Sundstrand, Renk, Volvo 97340, 9734, BMW (Specification LT 71141, LA 2634), Honda ATF-Z1 (not CVT), Hyundai SP-II, SP-III, KIA, Mazda, Mitsubishi Diamond SP-III, Nissan Matic D,J,K, Toyota Typ T T-III, T IV, VW TL 52162, Volvo 5 Speed	
<b>STRUB ATF CVT</b>	STRUB ATF CVT is a high-performance automatic transmission fluid for use in the latest generation of CVT-transmissions which transfer traction by means of steel chains or pushbelts.
Audi/VW (TL 52180; G 052 180), Ford (CVT30 / Mercon C), Honda (HMMF), Toyota (TC), Nissan (NS-2), Mitsubishi (CVTF-J1, SP-III), Subaru (NS-2, Lineartronic CVTF), Mini Cooper (EZL), Hyundai Genuine CVTF, Hyundai, Kia (SP-III), Suzuki (TC, NS-2/CVT Green 1), Dodge, Jeep (NS-2/CVTF+4), GM, Saturn (DEX-CVT), Ford (CVT23), Mercedes-Benz (236.20)	
<b>STRUB ATF DCT</b>	STRUB ATF DCT is a high-performance, synthetic automatic transmission fluid, which was specially designed for Double Clutch Transmissions (DCT).
STRUB ATF DCT meets the high requirements and specifications of VW, Audi, BMW, Ford, Mercedes, Volvo, Porsche, Peugeot and other vehicle manufacturers.	

## Anti-Freeze

<b>STRUB Havocool BS</b>	STRUB Havocool BS is used as an anti-freeze and heat transfer fluid in combustion engines.
BS 6580: 1992 and BS 6580: 2010, ASTM D 3306, SAE J 1034	
<b>STRUB Havoline XLC</b>	STRUB Havoline XLC is a universal anti-freeze and heat transfer fluid in combustion engines for all kind of car brands.
Please ask your STRUB product manager for the list of specifications and approvals.	
<b>STRUB Freecor QFC (VW G13)</b>	STRUB Freecor QFC (VW G13) is an anti-freeze protection which provides maintenance-free protection against frost and corrosion for the entire life of the engine.
VW TL 774J (G13)	
<b>STRUB Freecor QRC (VW G12++)</b>	STRUB Freecor QRC (VW G12++) is an anti-freeze protection which provides maintenance-free protection against frost and corrosion for the entire life of the engine.
VW TL 774G (G12++)	

## Greases

<b>STRUB Universal Grease 1910 EP 2</b> NLGI 2	STRUB Universal Grease 1910 EP 2 is a high-quality lithium soap-based grease which is widely-used within industry and possesses excellent high-pressure and wear-reducing properties.
<b>STRUB Universal Long-Term Grease 1950 EP 2</b> NLGI 2	STRUB Universal Long-Term Grease 1950 EP 2 is a multi-purpose grease, particularly designed for lubrication points which are subject to extreme weather conditions, as well as impact, shock and pressure stress. The grease is also suitable for use in wet sections and in moist or damp environments.
<b>STRUB Universal Long-Term Grease 1950</b> <b>MoS<sub>2</sub> EP 2</b> NLGI 2	STRUB Universal Long-Term Grease contains MoS <sub>2</sub> and is a grease with extraordinary adhesive and water-proof qualities.
<b>STRUB Gear Grease 1740 EP</b> NLGI 00	STRUB Gear Grease is a high-quality lithium lubricating grease with extraordinary extreme pressure properties and therefore has high lubricating abilities.





# RELIABILITY

## Brake Fluids

<b>STRUB Brake Fluid DOT 4</b>	STRUB Brake Fluid DOT 4 is of the highest quality. Approved for all braking systems and compatible with all other brake fluids having the same specifications.
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SAE J-1703, SAE J-1704, FMVSS No 116 ISO 4925

<b>STRUB Brake Fluid DOT 5.1</b>	STRUB Brake Fluid DOT 5.1 is of the highest quality. Approved for all braking systems which require one of the specifications listed below, also suitable for all ABS braking systems.
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SAE J-1703, SAE J-1704, FMVSS No 116 ISO 4925

## Technical Cleaner

<b>STRUB Monafix Motor Clean</b>	Concentrated, biodegradable cleaner for garages, motors and chassis with very good wetting, cleaning and degreasing qualities, specially designed for the new water drainage provisions. In addition it is also suitable for use in waste water treatment facilities (splitting facilities, ultra-filtration and biology facilities).
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<b>STRUB Monafix Ecostrip</b>	This universal cleaner and acrylic-remover is excellent for old gloss and dirt layers, and is suitable for use on all water-resistant hard floors, as well as linoleum floors. STRUB Monafix Ecostrip does not foam and can therefore be used in automatic machines where mechanical cleaning is used.
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<b>STRUB Monafix Cockpit Clean</b>	For new and rough plastic/synthetic parts inside the car such as the cockpit, the side panels and the seat cladding, the tyres, etc. Suitable for all new and used cars. Our Cockpit Clean is a solvent-free, self-shining plastic cleaner with anti-static and conservation properties. STRUB Monafix Cockpit Clean cleans, conserves and looks after all of the plastic/synthetic parts of the car and it will bring a new shine and a fresh smell to the cockpit.
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<b>STRUB Monafix CL 602</b>	STRUB Monafix CL 602 is a modern alkaline rim cleaner which no longer causes problems in splitting facilities, as was perhaps the case with acid-bearing cleaners in earlier times.
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<b>STRUB Monafix Super Plus</b>	It removes gross contamination such as grease and wax on motors and chassis. Additionally it does not attack the paintwork and the plastic. The effect of the first stage when using STRUB Monafix Super Plus is to bind, dissolve and clean. Upon being rinsed off and washed with water, the product will separate into two parts (water and oil/grease). The (upper part) will contain the oil and grease impurities which can then be separated from the water without problem.
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<b>STRUB Tyre Care</b>	STRUB Tyre Care is suitable for all kinds of tyres and brings back the real black color tone. Long-lasting intensive care with color refreshment for tyres. It is easily applied with the spray bottle.
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<b>STRUB Monafix Triclean Liquid</b>	This excellent brake cleaner removes dirt, oil and gasoline residue, resins and soot deposits, as well as all manner of usual contamination on the brakes. It is also an excellent degreaser.
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<b>STRUB Monafix Clean Bio 3000</b>	The biodegradable STRUB Monafix Clean Bio 3000 is a skin-friendly, disinfecting hand-cleaner with a fresh citrus-aroma and which has been formulated in accordance with the latest ecological and economic findings.
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<b>STRUB Windshield Cleaner EF</b>	STRUB Windshield Cleaner EF is a windshield cleaning concentrate which has been formulated in accordance with the latest findings. It suppresses or reduces the known calcium deposits in the container. It removes dust, oil and grease-deposits and additionally contains an anti-silicon supplement which guarantees a clean and clear windshield day and night.
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<b>STRUB Windshield Cleaner Winter 400</b>	STRUB Windshield Cleaner Winter 400 is a windshield cleaning concentrate which has been formulated in accordance with the latest findings. It removes dust, oil and grease-deposits and additionally contains an anti-silicon supplement which guarantees a clean and clear windshield day and night.
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# STRUB + CO AG

## Discover the World of Strub Lube

Since 1921, the name Strub has stood for quality, ecology and innovation in all areas of tribology. The basis of our success has been the principle of making use of our 90 years of tradition and experience in implementing innovative ideas. We aim to achieve high performance, reliability and environmentally-friendly solutions for our clients worldwide.

Our traditional family-owned company of Strub + Co. AG in the heart of Switzerland is an independent manufacturer of lubricants and technical cleaning agents. We have some 150 employees working in our business worldwide. Having branch offices and representatives in over 60 countries guarantees close proximity to our clients and the ability to react promptly to their specific needs.



### Analysis

In order to guarantee the optimum performance and functionality of your lubricants, we analyse them on your behalf. The products are tested with the most modern laboratory equipment as to their chemical and physical properties.



### Service

Our chemists and field-technicians stand ready to support you at all times. As your system supplier, we are close at hand and offer you our comprehensive customer support in respect of any questions or challenges you may face surrounding the topic of lubrication.



### Tailor-Made Products

In the event that you are unable to find the optimum product for your application in our list of over 1,600 lubricant specialities, we shall develop a tailor-made product for you.



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