



COMMERCIAL AND TRANSPORTATION LUBRICANTS

High-Tech-Products for your company

QUALITY & PERFORMANCE

STRUB Commercial and Transportation Lubricants guarantee a full range of high-quality products for professionals. For every customer wish we have the right product.



Motor Oils

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| STRUB Super Multi Turbo SAE 10W/40, 15W/40 | The top oil with synthetic performance for a mixed fleet with high requirements and heavy load. STRUB Super Multi Turbo guarantees a very low oil consumption and extended oil change intervals. |
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ACEA E7/E5/E3/B4/B3/A3, API CI-4, MB 228.3/229.1, VW 501.01/505.00, Volvo VDS, MAN 271

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| STRUB Partsynt HC Ultra Low SAPS SAE 10W/40 | STRUB Partsynt HC Ultra 10W/40 Low Saps is a synthetic, premium heavy duty diesel engine oil. It's formulated with lower levels of Sulphated Ash, Phosphorus and Sulphur than conventional oils. It is for extended oil change intervals, depending on the driving conditions up to 100'000 km. |
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«ACEA E4/E6/E7/E9, API CI-4/CH-4/CG-4/CF-4, MB 228.51/226.9, MAN M 3277 low ash (CRT)MAN M 3275, MAN M 3271-1, MAN M 3477, MTU Type 3.1, Mack EO-N, EO-M Plus, Renault Truck RXD/ RLD-2, RGD, VOLVO VDS- 3, CAT ECF-1-a, Deutz DQC IV-10 LA Cummins CES 20076/77, Scania Low Ash»

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| STRUB Partsynt HC Ultra UHPD SAE 10W/40 | STRUB Partsynt HC Ultra UHPD is a synthetic blend, Ultra-High Performance diesel engine oil, engineered to provide outstanding lubrication to modern high performance diesel engines used in severe on and off highway applications. |
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«ACEA E4/E7, API CI-4 /CF, MB 228.5, MAN M 3277, Scania LDF/LDF 2, DAF SHPD, Volvo VDS-2, VDS- 3, DAF extended oil change intervals, MTU DDC Type 3, Renault Trucks RXD/RLD-2, Mack EO-M PLUS, CUMMINS CES 20077 /78»

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| STRUB Motoroil HD SAE 10, 10W/20, 20W20, 30, 40, 50 | STRUB Motoroil Turbo HD is formulated using quality mineral base oils and additives to provide engine protection under severe operational conditions for low temperature applications. It is completely shear stable for "stay-in grade", performance throughout the oil drain interval |
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ACEA E2, API CF/CF-2/SF/SG, Caterpillar TO-2, Allison C-4, SAE 30 ZF TE-ML 02H/04B, MB 228.0

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| STRUB Hyper Truck Synt SAE 5W/30 | STRUB Hyper Truck Synt is a fully synthetic supreme performance diesel engine oil engineered to provide lubrication to modern, high performance, low emissions engines used in severe on-highway applications, especially Euro 4 & Euro 5 European trucks and buses. It is already applicable for Euro 6 Motors. |
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«ACEA E6 /E7/E9, API CJ-4, MB 228.51, 228.31, MAN M3677, M3477, M3271-1, MTU Type 3.1, Volvo VDS-4, VDS-3, CNG, Renault Trucks RXD/ RLD-3, RLD-2, RGD, Mack EO-O PP, EO-N. EO-M Plus, Cummins CES 20081, Caterpillar ECF-3, Deutz DQC IV-10 LA, JASO DH-2»

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| STRUB Truck Trans SAE 5W/40, 10W/40, 15W/40 | Strub Truck Trans is revolutionary new diesel engine oil based on Low SAPS Technology, highly resistant oxidation stable base oils and low ash, sulphur, phosphor additives. It is specially developed for lorries with longer oil maintenance, service intervals with after exhaust treatment systems and turbo charges. |
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«ACEA E9/E7, API CJ-4/SN/SM, MB 228.31, MAN M 3575 /3275-1, Volvo VDS-4, Renault Trucks RLD-3, Mack EO-O Premium Plus, Cummins CES 20081, Detroit Diesel DDC 93K218, Caterpillar ECF-3,EFC-2,EFC-1-a, Deutz DQC III-10 LA, MTU Type 2.1»

Tractor Oils

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| STRUB Super Tractor Oil Universal STOU SAE 10W/30, 10W/40 | Super Tractoroil Universal STOU is a premium Quality lubricant for use in agricultural and off highway applications. Multi-purpose oils, with longer life-time, it will take the place of a wide range of ISO-grades. |
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«Motor Oil: ACEA E2, MB 227.1, MB 228.1, MB 228.3, API CE/CF/CF-4, MAN 271, API SE/SF, MIL-L-2104D, Gear and Wet Breakes Oil: API GL-4, Caterpillar TO-2, Allison C3/C4, Massey-Ferguson M 1139/ M 1144/ M 1145, Ford M2C86-A/134-C/159-B, John Deere JDM J27 /J20C, ZF TE-ML 06B/ 06C/ 07B, Hydraulic Oil: DIN 51524/3 HVL»

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| STRUB Vulcotrac UTTO 20-134 | STRUB Vulcotrac Utto 20-134 is a premium High-Quality lubricant. is recommended for use in heavy-duty transmissions, differentials, final drives, hydraulic systems, power steering systems, wet brakes, PTOs and hydrostatic drives. |
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«API GL-4, Allison C-3/C-4, Ford M2C41-B, M2C48-B, M2C53-A, M2C86-B, M2C86-C, M2C134-A, 134-B, 134-C, 134-D John Deere J-20A, J-20B, J-20C, J-20D, Caterpillar TO-2, Massey Ferguson M1127, M1129A, M1135, M1141, M1143, M1145, ZF TE-ML 03E, 05F, 17E»

POWER & PRECISION

Gear Oils

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| STRUB Gear Oil Universal GL-4 SAE 75W, 75W/90, 80 | STRUB Gear Oil Universal GL-4 is suitable for synchromesh gears of passenger cars and light-duty commercial vehicle as well as axle drives and transfer gearboxes. |
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«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)»

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| STRUB Gear Oil Universal GL-5 SAE 80W/90, 90, 85W/140, 140 | High-pressure gear oil used for the lubrication of heavy loaded hypoid-gears and manual gearboxes. Multi-purpose gear oil for all kind of passenger cars, light-duty commercial vehicle and work machine as well as industrial gears. |
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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

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| STRUB Gear Oil LSD SAE 75W/90, 90, 85W/90 | The STRUB Gear Oil LSD is a special gear oil for limited slip differentials. It provides very good lubrication properties (limited slip), which leads to no rattling and vibration. |
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«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)»

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| STRUB Multigear SGO SAE 80W/90 | STRUB Multigear SGO is suitable to a broad range of gearboxes in passenger cars, light-duty commercial vehicles, work machines and different kind of industrial gears. To use in manual, transmission and axle gearboxes with hypoid gears as well as spiral, bevel or spur gears. |
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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 und 235.6, Volvo 97310, Scania STO 1:0, Ford, Iveco, DAF, MAN 341 E-2, 341 Z-2, 342 M-2, VW TL727

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| STRUB Vulcogear Synt SGX LSD SAE 75W/90, 75W/140 | STRUB Vulcogear Synt SGX-LSD is a High-Quality synthetic gear oil for differentials. It has excellent viscosity-temperature properties, as well as high pressure ability, very high oxidation stability and Excellent corrosion protection. |
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API GL-5 Limited Slip, MIL-L-2105 B/C/D, LSD

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| STRUB Superlube TO 4 SAE 10, 30, 40, 50 | STRUB Superlube TO-4 is a high performance Gear Oil for construction machines. It is especially designed for the application in Caterpillar Gears, Powershift Transmission, Transmission Drive Train-Oil (TDTO), where the specification Caterpillar TO-4 is recommended. |
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«CATERPILLAR TO-4, ALLISON C-4 (SAE 10, 30), Komatsu KES 07.868.1 (SAE 10, 30, 50), ZF TE-ML 03C (SAE 10, 30), ZF TE-ML 07F (SAE 30), EATON (SAE 40, 50), Dana –Spicer (SAE 40, 50), API CF/CF-2 (Not for Motor)»

Automatic Transmission Fluid (ATF)

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| STRUB ATF Dexron III-H+ | Part-synthetic, universal STRUB ATF Dexron III-H+ is a lubricant for the latest automatic transmissions passenger cars and light-duty commercial vehicles, for converter and powershift transmission as well as power steering and hydraulic systems. |
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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 (Spezifikation LT 71141 + LA 2634), Honda ATF-Z1 (nicht 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

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| STRUB Vulcofluid ATF | STRUB Vulcofluid ATF Universal is a high quality automotive transmission power steering and hydraulic oil. It is mainly used for heavy trucks and off road vehicles and older passenger cars. |
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«GM Dexron, Dexron II-D, ATF Type A Suffix A(TASA), Ford M2C-138-CJ, M2C-166-H, (M2C-33-F/G), Caterpillar TO-2, Allison C-4, ZF TE-ML 3D/4D, TE-ML 11A, TE-ML 14A/17C, Voith G607 (55.6335.30), MB 236.6, 236.7, MAN 339 D, Sperry Vickers, Denison, Sundstrand, Renk»

Anti-Freeze

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| STRUB Havoline XLC | Strub Havoline XLC is used as a cooling and heat transferring fluid in combustion engines. |
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Please ask your STRUB Product manager for the full list of specifications and approvals

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|---------------------------------|---|
| STRUB Havoline XLC 50/50 | Strub Havoline XLC 50/50 is used as a ready-made cooling and heat transferring fluid in combustion engines for -38°C. |
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Please ask your STRUB Product manager for the full list of specifications and approvals



RELIABILITY

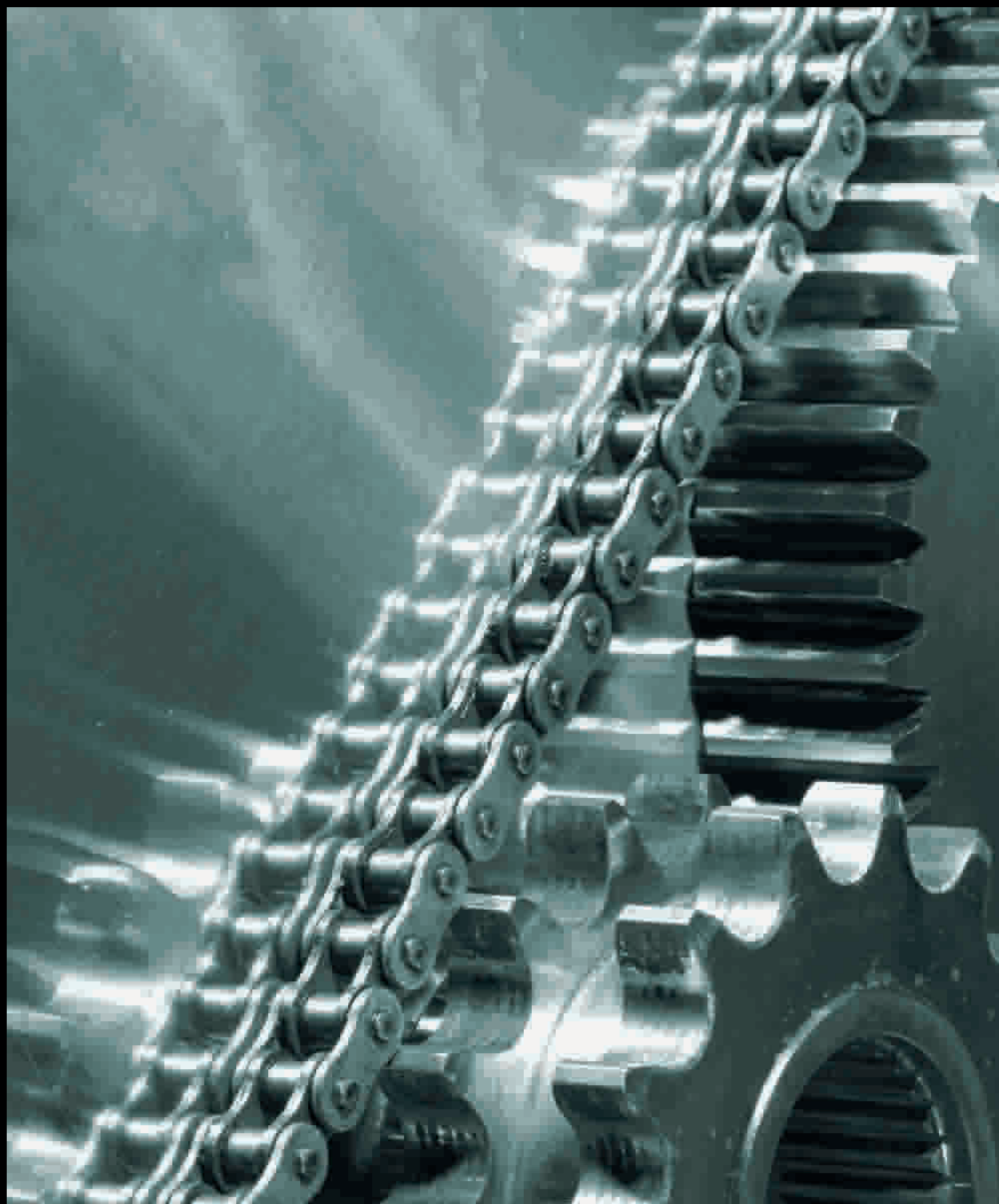
Hydraulic Oils

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| STRUB Vulcolube EP VI 180 (HVLV) ISO 32, 46 | STRUB Vulcolube EP VI 180 is for industrial, building-, transport and agricultural hydraulic systems. It meets the demanding requirements of hydraulic systems which operate over a wide temperature range. These are highest quality fluids with a balanced anti-wear protection for high pressure vane and piston pumps. |
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«DIN 51524 Part 3, HVLV, ISO 11158, cat. HV, ASTM D 6158, AFNOR NF E 48-603 HV, NF E 48-690, NF E 48-691 (filterability), CETOP RP 124H und Pall (filterability), Cincinnati Milacron P-70, P-69, P-68, Denison HF- 0, HF- 2, Sperry Vickers M-2950-S, I-286-S (35VQ25)»

Greases

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| STRUB Universal Grease 1900 EP 2 NLGI 2 | The STRUB Universal Grease 1910 EP 2 is a high-quality lithium soap-based grease is applicable in the industry with operating temperatures from -20 to +150°C (Peak up do +180°C) von bis zu +180 C with strong high pressure and wear properties. |
| STRUB Universal long-term 1950 EP 2 NLGI 2 | The STRUB Universal long-term Grease 1950 EP 2 is a extraordinary adhesive and waterproof synthetic grease. The extraordinary fibrous and adhesive nature eliminates squeaking or rattle on pins, bushes, bolts and joints. |
| STRUB Multi Duty Grease EP 1, 2, 3 NLGI 1, 2, 3 | STRUB Multi Duty Grease EP are greases without melting point (non-dropping point). By the careful manufacture and the addition of high-quality additives was a greases with universal character created. Through the high temperature application range it can be used even as universal grease, where lithium base greases fail the service. |
| STRUB Molymagus NL-3 NLGI 2 | STRUB Molymagus NL-3 NLGI 2 is a high performance Grease with a high amount of MoS ₂ . It allows a simplification of the lubrication service and extended lubrication intervals. |
| STRUB Paste HTTP NLGI 1, 2 | STRUB Paste HTP is a solid lubricating-paste of modern kind. It consists of lubricating oils, esters with special additives with adhesive properties and good corrosion protective properties. It can be used as a separating and lubricating paste in the presence of oxygen up to 250°C. |
| STRUB Paste THC-T-W NLGI 1-2 | STRUB THC-T-W High Pressure Paste is user-friendly multipurpose grease with a novel composition of synergistic solid lubricants. It is used as mounting- and antiseize paste. |
| STRUB Silicone Grease 5040, 5050, 5060 NLGI 1, 2, 3 | STRUB Silicone Grease 5040, 5050, 5060 are soft, greasy silicone compounds with an excellent thermal stability. |



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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