



AUTOMOTIVE

Lubricants & Cleaners



version 08/2019

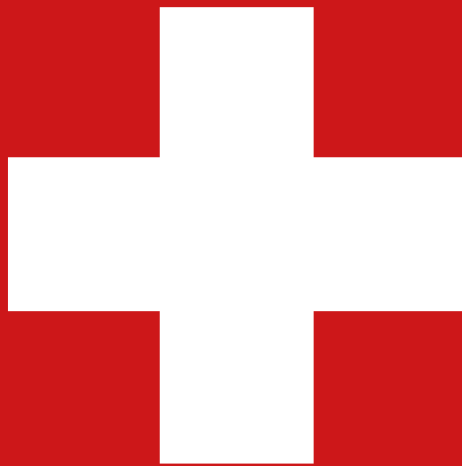
WELCOME TO THE WORLD OF **STRUB + CO AG**



REPRESENTED WORLDWIDE



SWISS QUALITY
SINCE 1921



MADE IN SWITZERLAND

CONTENTS

■ ENGINE OIL

	Page
- Engine oil for passenger cars	2-7
- Engine oil for mixed car pool	8
- Engine oil for commercial vehicles	9-10
- Mono grade, two stroke engine oil	11
- Engine oil for motorcycles	12
- Gas engine oil	13-14

■ GEAR OIL

- Gear oil for passenger cars	15
- Gear oil for passenger cars and commercial vehicles	15-16
- Gear oil for commercial vehicles	17
- Automatic Transmission Fluids	18-20

■ MULTIFUNCTION OIL

21-22



*that's how
it works!*

CONTENTS

■ HYDRAULIC OIL	23-25
■ ADDITIONAL PRODUCTS	
- Brake Fluids, Antifreeze	26-27
- Grease & Pastes, Oilbinding Agent	28-33
- Additiv & Fuel	34-36
- Sprays, Cleaner, Hand Paste and Skin Protection	37-48
■ SPECIAL PRODUCTS	
- Parting and release agent, Mixer Protection	49-51
- Hammer Drill Oil, Chainsaw Oil, Reciprocating Saw Oil, Anti-Rust Protection Oil, Fork Oil	52-53
- Packaging sizes	54-55










ENGINE OIL

Engine oil for passenger cars	Specifications & Benefits	Application	Packaging sizes								
 <p>STRUB Super Multigrade 10W/40, 15W/40, 20W/50, 15W/50</p> <p>Article-No.</p> <table border="1"> <tr><td>30118</td><td>10W/40</td></tr> <tr><td>30980</td><td>15W/40</td></tr> <tr><td>30298</td><td>15W/50</td></tr> <tr><td>31147</td><td>20W/50</td></tr> </table>	30118	10W/40	30980	15W/40	30298	15W/50	31147	20W/50	<p>ACEA A3/B4, A3/B3 API SN MB 229.1 VW 501.01, 505.00 RN0700 (10W/40) STRUB recommendation: Fiat 9.55535-D2 (10W/40 and 15W/40)</p>	<p>STRUB Super Multigrade motor oils are suitable for use in passenger car engines. STRUB Super Multigrade SAE15W/50, SAE 20W/50 are recommended for use in older vehicles, or at a higher oil consumption.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
30118	10W/40										
30980	15W/40										
30298	15W/50										
31147	20W/50										
 <p>STRUB Partsynt Dexos 1 G2 0W/20, 5W/30</p> <p>Artikel-No.</p> <table border="1"> <tr><td>33153</td><td>0W/20</td></tr> <tr><td>33037</td><td>5W/30</td></tr> </table>	33153	0W/20	33037	5W/30	<p>API SN/RC GM Dexos 1 Generation 2 ILSAC GF-5 Ford WSS-M2C945-A / 946-A / 947-A GF-5 Standards für Toyota, Honda, Hyundai, Kia, Nissan, Mazda und Chrysler</p>	<p>STRUB Partsynt Dexos 1 G2 are fuel-saving engine oils of the SAE 5W/30 classes. The products are specifically designed to minimize the LSPI (Low Speed Pre-Ignition) risk, as some modern turbocharged direct injection engines are subject to low speed pre-ignition failures. STRUB Partsynt Dexos 1 G2 5W/30 and 1 G2 0W/20 are new semi-synthetic high-performance engine oils for passenger cars, especially of the brand Opel.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>				
33153	0W/20										
33037	5W/30										
 <p>STRUB Partsynt FEO 5W/30</p> <p>Article-No.</p> <table border="1"> <tr><td>30878</td></tr> </table>	30878	<p>ACEA A5/B5 Ford WSS-M2C913-A/ WSS-M2C913-B/ WSS-M2C913-C/ WSS-M2C913-D, Jaguar Land Rover ST JLR.03.5003 Renault RN 0700</p>	<p>STRUB Partsynt FEO SAE 5W/30 is a new semi-synthetic high-performance engine oil for passenger cars and light commercial vehicles where an SAE 5W / 30 engine lubricant with performance level ACEA A5 / B5 is required.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>							
30878											
 <p>STRUB Partsynt HC-B 5W/40</p> <p>Article-No.</p> <table border="1"> <tr><td>30741</td></tr> </table>	30741	<p>ACEA A3/B4, API SN MB 229.3, VW 502.00, 505.00, Opel GM LL-A-025-B, PSA Peugeot Citroen B71 2296, Renault RN 0700, RN 0710, Porsche A40 BMW LL-01</p>	<p>STRUB Partsynt HC-B 5W/40 is a semi-synthetic high-performance engine lubricant formulated using advanced base oils and a high technology additive system. It provides heavy duty performance and protection for an outstanding driving experience. Suitable for use in all kinds of gasoline and diesel car engines, both with and without exhaust turbochargers. It was developed for the latest motoring technology and the ideal product for both new and well-kept older cars.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>							
30741											
 <p>STRUB Partsynt HC-F 5W/20</p> <p>Article-No.</p> <table border="1"> <tr><td>32228</td></tr> </table>	32228	<p>ACEA A1/B1 API SN Ford WSS-M2C948-B STJLR.03.5004</p>	<p>STRUB Partsynt HC-F 5W/20 is a premium multi-grade low-friction engine oil based on HC synthesis technology. For modern Ford passenger car gasoline engines with and without turbocharging according to the manufacturer's instructions. It meets the requirements of the Ford specification WSS-M2C 948-B and is mandatory for Ford EcoBoost 1.0 three-cylinder engines.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>							
32228											





ENGINE OIL

Engine oil for passenger cars	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Partsynt HC 5W/30 Article-No. 30299</p>	<p>ACEA A3/B3, A3/B4 API SL / CF MB 229.1 / 229.3 VW 502 00, 505 00 Opel LL-A-025 / B-025</p>	<p>STRUB Partsynt HC 5W / 30 is a engine oil with the latest additive technology and offers complete protection for modern engines, including multi-valve or turbocharged engines.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Partsynt HC Blau 10W/40 Article-No. 30090</p>	<p>ACEA A3/B4 API SL MB 229.3 VW 502.00 / 505.00</p>	<p>STRUB Partsynt HC Blau is suitable for normally aspirated and turbo charged diesel engines and petrol engines in passenger cars and light commercials particularly modern vehicles, for all catalytic converters.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Partsynt LA-C1 5W/30 Article-No. 32064</p>	<p>ACEA C1 JASO DL-1 Jaguar/Land Rover STJLR.03.5005 STRUB Recommendation: Ford WSS-M2C934-B</p>	<p>Especially for the latest generation of Mazda and Mitsubishi engines with DPF and TWC. STRUB Partsynt LA C1 is suitable for use in automobile gasoline- and diesel engines where the manufacturer recommends an Ford M2 934-B, ACEA C1/ JASO DL-1 -specification 5W/30 lubricant.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Partsynt LA-C2 5W/30 Article-No. 31227</p>	<p>ACEA A5/B5, C2 API SN Peugeot Citroën, PSA B71 2290 STRUB Recommendation: Fiat 9.55535-S1</p>	<p>Especially for the latest generation of Mazda and Mitsubishi engines with DPF and TWC. STRUB Partsynt LA C2 is suitable for use in automobile gasoline- and diesel engines where the manufacturer recommends a Citroen, Peugeot PSA B71 2290, ACEA C2-specification 5W/30 lubricant.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Partsynt LA-C3 5W/30 Article-No. 30959</p>	<p>ACEA C3, C2; API SN, SM, CF MB 229.31, 229.51 VW 502.00, 505.00, 505.01 OPEL/GM DEXOS 2 BMW Longlife-04 Renault RN 0700 Freigabe: MB-Approval 229.52</p>	<p>STRUB Partsynt LA-C3 is a synthetic technology lubricant suitable for use in gasoline and diesel engines where the manufacturer recommends API SN, ACEA C3 or earlier specifications. STRUB Partsynt LA-C3 motor oil is formulated with advanced additive technology, highly refined premium quality base fluids, molecularly engineered synthetic components, special viscosity with outstanding performance compared to all the well-known established trade mark engine oils. It is formulated to be compatible with modern exhaust after treatment devices and 3-way catalysts and is approved by a wide range of vehicle manufacturers. STRUB Partsynt LA-C3 can be used in many types of passenger cars, light trucks, vans, especially with high performance gasoline engines and direct injection diesel engines. Effecting for highway cruising and stop and go city driving. STRUB Partsynt LA-C3 meets the requirements even of today's heavy conditions regarding the extended service ranges.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>



ENGINE OIL

Engine oil for passenger cars	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Partsynt LA-C3 5W/40 Article-No. 31290</p>	<p>ACEA C3 API SN MB 229.31, 229.51 VW 502.00, 505.00, 505.01 BMW Longlife-04, Porsche A40, RN 0700, RN 0710 FORD WSS-M2C917A</p>	<p>STRUB Partsynt LA-C3 can be used in many types of passenger cars, light trucks, vans, especially with high performance gasoline engines and direct injection diesel engines. Product is effective in use for highway cruising and stop and go city driving behaviour. STRUB Partsynt LA-C3 meets the requirements even of today's heavy conditions regarding the extended service ranges.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Partsynt LA-C4 5W/30 Article-No. 32065</p>	<p>ACEA C4 -12 Renault RN 0720 MB 226.51</p>	<p>Especially for the latest generation of Renault engines with DPF and TWC.</p> <p>STRUB Partsynt LA C4 is suitable for use in automobile gasoline- and diesel engines where the manufacturer recommends a Renault RN 0720 /ACEA C4-specification 5W/30 lubricant.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>

Premium Engine Oil

Whether it is a car of Mercedes, Audi, Volkswagen, Renault or an other car manufacturer.

Our product range meets and exceeds every requirement.






ENGINE OIL

Engine oil for passenger cars	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Polar Longlife 12 FE 0W/30 Article-No. 33117</p>	<p>ACEA C2 BMW LONGLIFE-12 FE</p>	<p>STRUB Polar Longlife 12 FE is a fuel-saving engine oil for modern BMW engines. It is an innovative engine oil that provides fuel savings on diesel engines compared to BMW Longlife-01 products. This also reduces CO2 emissions. In addition, a novel additive technology with significantly reduced amounts of ash-forming sub-stances protects the diesel particle filter from soiling (Low-SAPS formula). In addition, this synthetic based engine oil improves cold start at low temperatures and protects against corrosion and helps to keep the engine cleaner.</p> <p>Suitable only for approved BMW diesel engines from model year 2014 (all 3-cylinder engines B37, 4-cylinder engines from model year 2014 and 6-cylinder engines from model year 2013) with max. 1 turbocharger. And suitable for all BMW petrol engines from the 2002 model year in the EU region, including Norway, Switzerland and Liechtenstein. For further information, please contact us.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Polar Longlife III 5W/30 Article-No. 31324</p>	<p>ACEA C3 MB 229.51 BMW LONGLIFE- 04 PORSCHE C30</p> <p>Approval: VW 504.00, 507.00</p>	<p>STRUB Polar LL III is specially developed for BMW-, VW and Mercedes-Benz vehicles with exhaust after treatment and turbocharger. Also the product can be applied in many vehicles of Asian manufactures if the use of a C3 engine oil is specified. STRUB Polar LL III may only be used in diesel engine when also low sulphur diesel fuel is being used. STRUB Polar LL III is miscible and compatible with conventional branded engine oils.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Polar Synt Diamant SXS 0W/40 FM Article-No. 30294</p>	<p>ACEA A3/B4 API SL, SM /CF MB 229.5</p> <p>VW 502.00 /505.00 BMW Longlife 01 Renault RN 0700, 0710 Opel Longlife LL-B-025 Porsche A40</p>	<p>STRUB Polar Synt Diamant SXS FM is a High Performance engines oil for all kinds of gasoline and diesel car engines, both with and without exhaust turbochargers.</p> <p>STRUB Polar Synt Diamant SXS FM has been designed for the latest engine technology and is the ideal product for newer as well as older well-preserved vehicles.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>



ENGINE OIL

Engine oil for passenger cars	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Profitto Synt 0W/30 A5/B5 Article-No. 31000</p>	<p>ACEA A5/B5 API SL</p>	<p>STRUB Profitto 0W/30 is suitable for use in automobile gasoline- and diesel engines where the manufacturer recommends an ACEA A5/B5, A1/B1, API SL, IIsac GF-2 specification 0W/30 lubricant. Especially for car engines of Volvo, Honda, Renault.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Profitto Synt LA-C2 0W/30 Article-No. 32376</p>	<p>ACEA C2 API SN, SM, SL /CF Peugeot Citroen, PSA B71 2312 Complies Fiat 9.55535-S1</p>	<p>It is a synthetic premium engine oil based on the latest low SAPS technology, with lowered HTHS-Value, which is tailored to the requirements of modern exhaust treatment systems (DPF).</p> <p>Specially designed for the latest generation of passenger car diesel engines from Citroen, Peugeot, Honda, Mitsubishi and Toyota.</p> <p>STRUB recommends this product for vehicles that require the following specifications: Citroen, Peugeot PSA B71 2312, or ACEA C2, these are also types of Honda, Mitsubishi and Toyota.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Profitto Synt LA-C2 FJ 0W/30 Article-No. 33268</p>	<p>ACEA C2 Ford WSS-M2C950-A Approval: Jaguar Land Rover ST JLR.03.5007</p>	<p>It is a synthetic premium engine oil based on the latest low SAPS technology, with lowered HTHS-Value, which is tailored to the requirements of modern exhaust treatment systems (DPF). Specially designed for the latest generation of diesel passenger car engines from Ford, Jaguar and Land Rover.</p> <p>This specification is required for the DW10F (2.0L), DV (1.5L & 1.6L) and Puma Gen 3.5 (T6 ranger 2.2.-3.2L) diesel engines and therefore applies to oils for servicing Ford Focus, Mondeo, Fiesta and Transit vehicles. It is the only service fill oil specification approved for the JLR 2.0 liter AJ200 diesel engine used in both Jaguar and Land Rover vehicles today.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>





ENGINE OIL

Engine oil for passenger cars	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Profitto Synt Longlife IV 0W/20 Article-No. 32976</p>	<p>ACEA A1/B1 VW 508.00, 509.00 Jaguar Land Rover STJLR.51.5122</p> <p>STRUB recommendation: Porsche C20</p>	<p>STRUB Profitto Synt Longlife IV 0W / 20 is a powerful special engine oil, exclusively for the highly efficient VW engines. The low-friction viscosity reduces friction in the engine and ensures more engine performance, lower fuel consumption and reduced CO2 emissions.</p> <p>STRUB Profitto Synt Longlife IV 0W / 20 specially developed for the requirements of VW vehicles in various models which require an oil according to the specifications VW 508.00 and 509.00. The product is miscible and compatible with conventional engine oils.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Profitto Synt STX 0W/20 Article-No. 32287</p>	<p>ACEA A1/B1 API SN Volvo VCC RBS0-2AE</p>	<p>STRUB Profitto Synt STX 0W / 20 is a powerful special engine oil, exclusively for the highly efficient Volvo engines that the Volvo VCC RBS0-2AE require. The low-viscosity grade reduces friction in the engine and provides more engine performance and lower fuel consumption. It is specially developed for the requirements of Volvo vehicles in various models where the manufacturer requires an oil according to Volvo VCC RBS0-2AE in the viscosity class SAE 0W/20.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Profitto Synt STX 5W/30 Article-No. 30300</p>	<p>ACEA A3/B4 API SL MB 229.5 VW 502.00/ 505.00 Renault RN0700/ RN0710 Opel LL-A-025-A/B</p>	<p>STRUB Profitto Synt STX 5W/30 is a synthetic high-performance engine lubricant formulated using advanced base oils and a high technology additive system. It provides heavy duty performance and protection for an outstanding driving experience. Suitable for use in a variety of gasoline and diesel car engines, both with and without exhaust turbochargers. STRUB Profitto Synt STX 5W/30 was developed for the latest motoring technology and the ideal product for both new and well-kept older cars.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Profitto Synt STX 5W/40 Article-No. 30297</p>	<p>ACEA A3/B4 API SN/CF MB 226.5, 229.3 VW 502.00/ 505.00 BMW LL-01 PORSCHE A40 Renault RN0700 / RN0710 PSA B71 2296 GM-LL-B-025</p>	<p>STRUB Profitto Synt STX 5W/40 is suitable for use in all kinds of gasoline and diesel car engines, both with and without exhaust turbochargers. STRUB Profitto Synt STX 5W/40 was developed for the latest motoring technology and the ideal product for both new and well-kept older cars.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Profitto Synt STX 5W/50, 10W/50, 10W/60 Article-No. 30295 5W/50 30171 10W/50 31235 10W/60</p>	<p>ACEA A3/B4 API SN/ SM/ SL / CF</p> <p>SAE 5W/50: MB 229.3, Porsche A40</p>	<p>STRUB Profitto Synt STX is especially for turbo and injection engines of modern passenger cars and for high-tech sportscar engines. Ideal for modern injection and turbo engines with increased performance. STRUB Profitto Synt STX is suitable for use in racing cars.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>






ENGINE OIL

Engine oil for mixed car pool	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Super Multi Turbo 10W/40</p> <p>Article-No. 30088</p>	<p>ACEA E7, B4 API CI-4, CH-4, CG-4, CF-4, API SL MB-Approval 228.3, MAN 3275, MTU Type 2, MACK EO-M PLUS, EO-M, EO-N, CAT ECF-2-, ECF-1-a, Deutz DQC III, Detroit Diesel DDC 93K215 Volvo VDS-3, Renault RLD/RLD-2, CUMMINS CES 20076, 20077</p> <p>STRUB recommendation: Scania, Iveco</p>	<p>STRUB Super Multi Turbo 10W/40 is formulated using high quality unconventional base oils in combination with high quality performance additives. It provides excellent protection against engine wear and deposit accumulation.</p> <p>STRUB Super Multi Turbo SAE 10W/40 is versatile engine oil suitable for use in a wide range of commercial vehicles. It is designed for use in high performance, heavy duty diesel engines operating in demanding conditions but can also be used in light commercial diesel and gasoline engines making it ideal for use in mixed fleets.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Super Multi Turbo 15W/40</p> <p>Article-No. 30070</p>	<p>ACEA E7-12 API CI-4, CH-4, CG-4, CF-4, API SL MB-Approval 228.3, MAN 3275, MTU Type 2, MACK EO-M PLUS, EO-M, EO-N, CAT ECF-2-, ECF-1-a, Deutz DQC III, Detroit Diesel DDC 93K215 Volvo VDS-3, Renault RLD/RLD-2, CUMMINS CES 20076, 20077</p> <p>STRUB recommendation: Scania, Iveco</p>	<p>STRUB Super Multi Turbo 15W/40 is a multi-grade oil for all climatic conditions and covers all aspects of all motor types with a wide safety margin. It is built on high grade base oils with a combination of specially selected additives. Especially selected detergent-dispersant additives with a low ash content stop residue formation on the pistons and piston rings.</p> <p>STRUB Super Multi Turbo SAE 15W/40 is a multi-grade all year round engine oil for heavy duty diesel and passenger car with or without turbocharger.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>



ENGINE OIL

Engine oil for commercial vehicles	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Hyper Truck Synt 5W/30</p> <p>Article-No. 31928</p>	<p>ACEA E6, E7, E9 API CK-4, CJ-4, SN MB 228.31, 235.28, MAN M3477, M3271-1, MTU Typ 3.1, DDC 93K218, Volvo VDS-4, VDS-3, CNG, Scania Low Ash, Renault Trucks RXD, RLD-3, RLD-2, RGD, EO-O PP, EO-N PP, EO-M Plus, CES 20081, 20086, JASO DH-2, Caterpillar ECF-3, Deutz DQC IV-10 LA, Voith Oil Class B, Detroit Diesel DFS 93K222</p> <p>Freigabe: MB-Approval 228.51, MAN M3677, LDF-4, Volvo VDS 4.5, Renault RLD-4, Mack EOS-4.5</p>	<p>STRUB Hyper Truck Synt is the latest in Low SAPS (Low Sulphated Ash, Phosphorus + Sulphur: Low ash level) lubricant technology. The performance of STRUB Hyper Truck Synt is the result of development work with major equipment builders.</p> <p>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. STRUB Hyper Truck Synt uses unique additive technology to provide excellent engine protection for Euro 4 & Euro 5 vehicles when used at extended oil drain intervals, even under severe operating conditions. It is already applicable for Euro 6 Motors.</p>	<p>5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Hyper Truck Synt 10W/30</p> <p>Article-No. 33347</p>	<p>ACEA E6, E7, E9 API CJ-4, MB-Approval 228.51, 228.31, MAN M3677, M3477, M3271-1, MTU Typ 3.1, DDC 93K218, Volvo VDS VDS-4, Renault RLD-3, Mack EO-O PP, CES 20081, 20086, Caterpillar ECF-3, ECF-2, Deutz DQC IV-10 LA</p>		<p>5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Hyper Truck Synt 10W/40</p> <p>Article-No. 32490</p>	<p>ACEA E6, E7, E9 API CK-4, CJ-4 Volvo VDS-4, MAN M3477, Renault Truck RLD-3 Mack EO-O Premium Plus-07 MTU Type 3.1, Caterpillar ECF-3, Deutz DQC IV-10 LA, Cummins CES 20081, Scania LA, JASO DH-2</p> <p>Approval: MB-Approval 228.51</p>		<p>5l 20l 60l 206l 1000l up to a tank wagon</p>



ENGINE OIL

Engine oil for commercial vehicles	Specifications & Benefits	Application	Packaging sizes
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Customer dialogue

Partnership with our clients and our suppliers is a credo.

With confidence and respect we are looking to work together on optimized solutions.



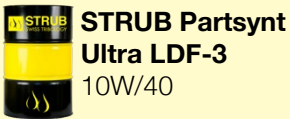
STRUB Partsynt HC Ultra UHPD
10W/40

Article-No. 30484

ACEA E4 /E7, API CI-4 MB 228.5, MAN M 3277, Scania LDF2, Volvo VDS-3, MTU DDC Type 3, Renault Trucks RLD/RLD-2, Mack EO-M PLUS, EO-N PP, CUMMINS CES 20077, 78, Deutz DQC III-10

STRUB Partsynt HC Ultra is recommended for highly rated diesel engines meeting Euro 2, 3, 4 and Euro 5 emission requirements and running under severe conditions, e.g. extended oil drain intervals according to the manufacturer's recommendations. It's suitable for engines without particulate filters, and for most EGR engines and most engines fitted with SCR NOx reduction systems.

5l 20l 60l 206l 1000l
up to a tank wagon



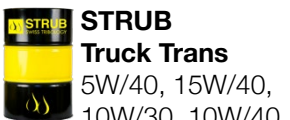
STRUB Partsynt Ultra LDF-3
10W/40

Article-No. 31947

ACEA E4, E7 MB 228.5, 235.27, CUMMINS CES 20072, DAF, Deutz DQC III-10, MAN M3277, Renault RLD/RLD-2, RXD, Scania LDF-2, Voith Class A, Volvo VDS-3

STRUB Partsynt Ultra LDF-3 is suitable for extremely heavily loaded diesel engines with turbocharger with and without intermediate cooling. It is equipped with pressure-stable viscosity index improver and for year-round use. For Euro 6 Scania engines. Not for gasoline engines.

5l 20l 60l 206l 1000l
up to a tank wagon



STRUB Truck Trans
5W/40, 15W/40, 10W/30, 10W/40

Article-No.
31929 5W/40
32558 10W/30
31927 10W/40
31930 15W/40

Approval: Scania LDF-3

STRUB Recommendation: API CF

ACEA E9, API CJ-4, API SN MB 228.31, MAN M3575, MTU Type 2.1, Cummins CES 20081, Caterpillar ECF-3/2/1a, Detroit Diesel DDC 93K218, Deutz DQC III-10 LA, Volvo VDS-4, Renault Trucks VI RLD-3, Mack EO-O Premium Plus 10W/40:
ACEA E9/E7, API CK-4/ CJ-4/SN, MB 228.31, MAN M3575, MTU Type 2.1, Cummins CES 20081, Caterpillar ECF-3/2/1a, Detroit Diesel DDC 93K218, Deutz DQC III-10 LA, Volvo VDS-4, Renault Trucks VI RLD-3, Mack




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.

All EURO 4 and 5 engines with exhaust after treatment systems like particle filter (DFP), diesel oxidation catalysators (DOC), exhaust gas recirculation (AGR), double turbo charger, selective catalytic reduction (SCR), even mixed systems of the above mentioned technologies. STRUB Truck Trans is already designed for the ACEA 2010 e9-08 issue 2 and can be used for EURO 6 Diesel engines. Independent of the new specifications and mileages, also older diesel engines can successfully be run.

5l 20l 60l 206l 1000l
up to a tank wagon



ENGINE OIL

Mono grade	Specifications & Benefits	Application	Packaging sizes						
 <p>STRUB Motorenöl Premium HD SAE 30, 40, 50</p> <p>Article-No.</p> <table border="1"> <tr> <td>32300</td> <td>SAE 30</td> </tr> <tr> <td>30811</td> <td>SAE 40</td> </tr> <tr> <td>31749</td> <td>SAE 50</td> </tr> </table>	32300	SAE 30	30811	SAE 40	31749	SAE 50	<p>API SC / CC</p>	<p>Modern multigrade engine oils damage your classic car. Therefore, weakly alloyed mono grade engine oils are used. Optimum engine lubrication is ensured by the selected base oils and an additive, which are specially designed for vintage engines.</p> <p>For lightly loaded petrol and diesel engines at moderate speed. Depending on the regulation usable as retracting oil. (year ca. 1960-1970).</p>	<p>5l 25l 60l 206l 1000l up to a tank wagon</p>
32300	SAE 30								
30811	SAE 40								
31749	SAE 50								
 <p>STRUB Motorenöl Classic HD 30, HD 20W/50</p> <p>Article-No.</p> <table border="1"> <tr> <td>32379</td> <td>30</td> </tr> <tr> <td>31863</td> <td>20W/50</td> </tr> </table>	32379	30	31863	20W/50	<p>API SE, SD, SC/CD, CC</p>	<p>For older gasoline and diesel engines at moderate speed, where API SE, SD, SC / CD, CC engine oils are required (year ca.1955-1975).</p>	<p>5l 25l 60l 206l 1000l up to a tank wagon</p>		
32379	30								
31863	20W/50								
Two stroke engine oil	Specifications & Benefits	Application	Packaging sizes						
 <p>STRUB 2-T Super TT</p> <p>Article-No.</p> <table border="1"> <tr> <td>30316</td> <td></td> </tr> </table>	30316		<p>TISI 1040-2534, ISO L - EGD, JASO FC/ FD</p>	<p>For air-cooled small and medium-sized two-stroke engines in motorcycles, forestry and gardening equipment. Suitable for all types of petrol and oil pump. Low smoke, even mixing, ash-free, very good wear protection. Prevents corrosion, deposition and ignition.</p> <p>The mixing ratio is in any case according to the instructions of the motor manufacturer. Usually 1 : 50 (2%).</p>	<p>1l 5l 25l 60l 206l 1000l up to a tank wagon</p>				
30316									



ENGINE OIL




Engine oil for motorcycles	Specifications & Benefits	Application	Packaging sizes
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Safety

Our high-tech motorcycle products guarantee an optimal driving pleasure combined with reliability and safety.




STRUB products are known for quality and performance.



 <p>STRUB 2-Moto Synt</p> <p>Article-No. 30317</p>	<p>API TC Jaso FD ASTM TSC-3 ISO L-EGD</p>	<p>Fully synthetic 2-stroke engine oil for motorcycles</p> <p>For air and water cooled 2-stroke engines of high-performance motorcycles. Suitable for all types of gasoline. For mixed and separate lubrication.</p>	<p>1l 5l 25l 60l 206l 1000l up to a tank wagon</p>								
 <p>STRUB Moto Synt 4-T</p> <p>5W/30, 10W/30, 10W/40, 20W50</p> <p>Article-No.</p> <table border="1"> <tr><td>32635</td><td>5W/30</td></tr> <tr><td>32637</td><td>10W/30</td></tr> <tr><td>32638</td><td>10W/40</td></tr> <tr><td>32639</td><td>20W/50</td></tr> </table>	32635	5W/30	32637	10W/30	32638	10W/40	32639	20W/50	<p>JASO: MA2, backwards compatible JASO MA API: SN/ SM / SG</p>	<p>STRUB Moto-Synt 4-T are semi-synthetic high performance 4-stroke engine oils for motorcycles according to the JASO MA 2 specification. Specially refined HC base oils and modern additive technology guarantee less wear and engine deposits. JASO MA is the standard for 4-stroke motorcycle oils, guaranteeing the perfect function of wet clutch and longevity of the engine. JASO MA 2 specification stands for even higher coefficients of friction at the wet clutch. STRUB Moto-Synt 4-T is backward compatible with JASO MA.</p> <p>For all air- and water-cooled 4-stroke engines of wet-created motorcycles that require the API or JASO MA specification. Optimized for lubrication systems where the engine, transmission and clutch are integrated (wet sump).</p>	<p>1l 5l 25l 60l 206l 1000l up to a tank wagon</p>
32635	5W/30										
32637	10W/30										
32638	10W/40										
32639	20W/50										
 <p>STRUB Moto Racing Synt 4-T</p> <p>5W/40, 10W/50, 10W/60</p> <p>Article-No.</p> <table border="1"> <tr><td>33484</td><td>5W/40</td></tr> <tr><td>32672</td><td>10W/50</td></tr> <tr><td>32303</td><td>10W/60</td></tr> </table>	33484	5W/40	32672	10W/50	32303	10W/60	<p>API: SM (SL) JASO: MA und MA2</p>	<p>STRUB Moto Racing Synt 4T are fully synthetic 4T engine oils for motorcycles.</p> <p>Fully synthetic high-performance engine lubricant for 4-stroke sports motorcycles. In amateur-racing sector especially recommended. The engine lubricant meets the latest international specifications. Also for motorcycles in normal road use.</p>	<p>1l 5l 25l 60l 206l 1000l up to a tank wagon</p>		
33484	5W/40										
32672	10W/50										
32303	10W/60										






GAS ENGINE OIL

Gas engine oil	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Gas Engine Oil 42 and 30 LA-PEX New Formula SAE: 30/40 TBN: 7.2 Sulphate ash: 0.63%</p> <p>Article-No. 32961 42 33190 30</p>	<p>Caterpillar, Wartsila, Valmet, Tedom-Kubota, Liebherr, Jenbacher BR 2, 3, 6, 9, Deutz, MAN, MTU, MWM, Waukesha</p>	<p>STRUB Gas Engine Oil 42 LA-PEX New Formula uses high quality base stocks and advanced additive technology to deliver exceptional oxidation stability, nitration resistance and thermal stability. Because of its low sulphate and phosphorus content, STRUB Gas Engine Oil is also suitable for gas engines with 3-way catalytic converters.</p> <p>STRUB Gasmotorenoel 42 LA-PEX is designed for use in turbo charged gas engine where sewage gas, biogas and also natural gas for extended drain intervals be used. Combined heat and power plants e.g. Tedom Kubota, Caterpillar, Waukesha, Wartsila, Liebherr, Valmet, Rolls Royce.</p> <p>The oil performance and eventual oil change is periodically controlled through our lab division and supported by our technicians and sales people.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Gas Engine Oil 43 MA-PEX SAE: 40 TBN: 9.7 Sulphate ash: 0.94%</p> <p>Article-No. 32508</p>	<p>MIL-L-2104B/, 2104C, Jenbacher Motors BR 1, 2, 3, 4 TMW, Iveco, MAN, Valmet</p>	<p>STRUB gas engine oil 43 MA-PEX is a special oil for use in gas engines. Specially selected base oils and a newly developed additive package guarantee excellent oxidative and thermal stability as well as good operational reliability and oil service lives. The oil has a very high reserve of alkalinity. STRUB gas engine oil 43 MA-PEX is primarily suitable for operation with landfill treatment plants or biogas as well as for gas engines when operating with special gases, where increased pollution is to be expected.</p> <p>Optimum oil change intervals, according to the recommendations of the gas engine manufacturers. Accompaniment and consultation required by laboratory analyzes.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB HC 1540 SAE: 15W/40 TBN: 10.8 Sulphate ash: 1.38%</p> <p>Article-No. 30205</p>	<p>Caterpillar, Wartsila, Valmet, Tedom-Kubota, Liebherr Jenbacher BR 2, 3, 6, 9 Erdgas, Biogas, Deutz, MAN, MTU, MWM, Waukesha</p>	<p>STRUB HC 1540 is a quality gas engine oil based on mineral oil and HC-oil raffinates with high reserve capacity. Specially selected, low-evaporation base oils and a newly developed additive package guarantee high oxidative and thermal stability.</p> <p>Preference for use in all supercharged gas engines in sewage and biogas operation, even when operating with natural gas, if extended oil change intervals are required. STRUB HC 1540 is primarily suitable for stationary diesel engines, emergency power systems, BHKW's u.a.m.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>







GAS ENGINE OIL

Gas engine oil	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Gas Engine Oil 40 MA-ZF SAE: 40 TBN: 6.0 Sulphate ash: 0.70%</p> <p>Article-No. 32451</p>	<p>Natural Gas Engines</p>	<p>40 LA-ZF is primarily suitable for gas engines operating in natural gas, where a low-ash lubricant is required.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Gas Engine Oil BES - Biogas SAE: 40 TBN: 11 Sulphate ash: 1.3%</p> <p>Article-No. 30213</p>	<p>API CF/SF</p>	<p>BES - BIOGAS is an alloyed gas engine oil based on mineral oil and HC raffinates. Specially selected, low-evaporation base oils and a newly developed additive package guarantee high oxidative and thermal stability with an extremely high reserve of alkali.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Gas Engine Oil JMS 320 Plus SAE: 40 TBN: 4.55 Sulphate ash: 0.56%</p> <p>Article-No. 33254</p>	<p>GE Jenbacher Type 2, Type 3, Type 4 (Versions A&B), Type 6 (Versions C&E), Biogas (Class B), Landfill Gas (Class C) CAT MWM</p> <p>Approval: MAN M 3271-4 (Special Gas) Tedom Engines for Biogas</p>	<p>BES - BIOGAS is primarily suitable for gas engines operating with gases and increased pollution. Due to its strong neutralizing power BES - BIOGAS shows good results in sewage, landfill and biogas. Suitable for the lubrication of supercharged and non-supercharged gas petrol and gas diesel engines (dual-fuel).</p> <p>STRUB gas engine oil JMS 320 Plus is a special oil for use in gas engines. Specially selected base oils and a newly developed additive package guarantee excellent oxidative and thermal stability</p> <p>STRUB gas engine oil JMS 320 Plus is primarily suitable for operation with landfill treatment plants or biogas as well as for gas engines when operating with special gases, where increased pollution is to be expected.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>






GEAR OIL

Gear oil for passenger cars	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Vulcogear Synt SGX LSD 75W/90, 75W/140</p> <p>Article-No. 30363 75W/90 33400 75W/140</p>	<p>API GL-5</p>	<p>STRUB Vulcogear Synt SGX-LSD is a High-Quality synthetic gear oil for differentials. For hypoid gear differentials and especially for limited slip differentials.</p>	<p>20l 60l 206l 1000l</p> <p>up to a tank wagon</p>
 <p>STRUB Getriebeöl GL-4 75W/90, 80W</p> <p>Article-No. 30348 75W/90 30111 80W</p>	<p>75W/90: API GL-4</p> <p>80W: API GL-4 MB 235.1, ZF TE-ML 06L, 08, 16A, 17A, 19A, 19C</p>	<p>STRUB Gear Oil GL-4 is formulated from high quality base oils and an advanced of the latest additive technology system.</p> <p>STRUB Gear Oil GL-4 is used for the lubrication of synchronised gears in passenger cars, on highway light and heavy duty trucks and commercial vehicles. For axle drives and transfer boxes, where a Gear Oil according to API GL-4 has to be used.</p>	<p>20l 60l 206l 1000l</p> <p>up to a tank wagon</p>
Gear oil for passenger cars and commercial vehicles	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Gear oil GL-5 LSD 75W/90, 85W/90, 90</p> <p>Article-No. 30349 75W/90 31474 85W/90 30350 90</p>	<p>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, SAE 85W/90, SAE 90) ZF TE-ML 12C (SAE 90) ZF TE-ML 16E (SAE 90)</p>	<p>STRUB Gear Oil LSD is a high performance automotive gear lubricant formulated from select base oils and an advanced additive system specifically for limited-slip differentials.</p> <p>Limited-slip differentials, axles and final-drives requiring API GL-5 level performance. Passenger cars, on highway light and heavy duty trucks, busses and vans. For machines in construction and agriculture.</p>	<p>20l 60l 206l 1000l</p> <p>up to a tank wagon</p>
 <p>STRUB Multigear SGO 80W/90, 80W/140, 85W/140</p> <p>Article-No. 30357 80W/90 33335 80W/140 33336 85W/140</p>	<p>SAE 80W/90 API GL-4, GL-5, MT-1, MB 235.0, MIL-PRF-2105E, Arvin Meritor 0-76-D, SAE J2360, ZF TE-ML 02B, 04G, 05A, 07A, 08, 12L, 12M, 13, 16B, 16C, 16D, 17B, 19B, 21A, Scania STO 1:0, Iveco, DAF, MAN 341 Z2, MAN 342 M2, Mack GO-J, Renault</p> <p>SAE 80W/140, 85W/140, API GL-4, GL-5, MT-1, MIL-PRF-2105E, Arvin Meritor 0-76-D, SAE J2360, ZF TE-ML 05A, 07A, 08, 12E, 16D, 21B, Scania STO 1:0, Iveco, DAF, Mack GO-J, Renault</p>	<p>STRUB Multigear SGO is formulated from high performance base oils and an advanced of the latest additive technology system.</p> <p>STRUB Multigear SGO is used for a wide field of applications, lubrication of highly loaded differentials and gears in passenger cars, trucks, final drives, manual transmissions, transfer cases, spiral- differential- bevel wheel and spur gears. For heavy duty industrial applications.</p>	<p>20l 60l 206l 1000l</p> <p>up to a tank wagon</p>







GEAR OIL

Gear oil for passenger cars and commercial vehicles	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Vulcogear Synt SGX 75W, 75W/80</p> <p>Article-No. 30347 75W 31784 75W/80</p>	<p>API GL- 4</p>	<p>STRUB Vulcogear Synt SGX 75W/80 was developed as a fully synthetic multi-range gear lubricant especially for the requirements of ZF gears.</p> <p>STRUB Vulcogear Synt SGX 75W / 80 is especially recommended for commercial vehicles (trucks, buses, vans) with manual transmissions. Further for cars, 4 x 4, which require an API GL-4 manual transmission oil.</p> <p>Miscible and compatible with conventional brand gear oils. Full performance is achieved only un-mixed. Not suitable for use on the axle.</p>	<p>20l 60l 206l 1000l</p> <p>up to a tank wagon</p>
 <p>STRUB Vulcogear Synt SGX 75W/90, 80W/140</p> <p>Article-No. 30363 75W/90 30364 80W/140</p>	<p>SAE 75W/90 API GL-4, API GL-5, API MT-1 MB 235.8, MIL-PRF-2105E, MACK GO-J ZF TE-ML 02B, 05A, 07A, 08, 12B, 12L, 12N, 13, 16F, 17B, 19C, 21A, Scania STO 1:0, Arvin Meritor 0-76-N, MAN 342 S1, MAN 341 Z2 , MAN 342 M3, SAE J2360, Volvo 97312, Renault, DAF, Iveco, Detroit DFS93K219.01</p> <p>SAE 80W/140 API GL-4, API GL-5, API MT-1</p>	<p>STRUB Vulcogear Synt SGX is formulated using a synthetic base stock and a specially designed extreme-pressure.</p> <p>STRUB Vulcogear Synt SGX is used for the lubrication of highly loaded differentials and gears in passenger cars, trucks, final drives, manual transmissions, transfer cases and other applications where API GL 4 or API GL 5 transmission oils are required.</p>	<p>20l 60l 206l 1000l</p> <p>up to a tank wagon</p>
 <p>STRUB Vulcogear HC SGX 75W/90, 80W/140</p> <p>Article-No. 30359 75W/90 30360 80W/140</p>	<p>API GL-4 und 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</p>	<p>STRUB Vulcogear HC SGX is a semi-synthetic hypoid gear oil with extremely high performance reserves. It's designed for the universal application in commercial vehicles.</p> <p>STRUB Vulcogear HC SGX is most suitable for lubricating all drive elements, from synchronized and non-synchronized manual transmissions to geared axle drives. Because of the reduction in the number of product types, and the reduced risk of confusion between them, STRUB Vulcogear HC SGX contributes significantly to streamlining the modern vehicle fleet.</p>	<p>20l 60l 206l 1000l</p> <p>up to a tank wagon</p>




GEAR OIL

Gear oil for commercial vehicles	Specifications & Benefits	Application	Packaging sizes										
 <p>STRUB Gear Oil Universal GL-5 75W/90, 80W/90, 85W/140, 90, 140</p> <p>Article-No.</p> <table border="1"> <tr><td>30352</td><td>75W/90</td></tr> <tr><td>30624</td><td>80W/90</td></tr> <tr><td>30353</td><td>85W/140</td></tr> <tr><td>30354</td><td>90</td></tr> <tr><td>30355</td><td>140</td></tr> </table>	30352	75W/90	30624	80W/90	30353	85W/140	30354	90	30355	140	<p>API GL-5 MIL-L-2105 B/ C/ D/ E MAN 342-M1 (SAE 90) MB 235.0</p> <p>ZF TE-ML 05A + 05B SAE 75W/90, 90, 85W/140</p> <p>ZF TE-ML 07A SAE 75W/90, 90, 85W/140 ZF TE-ML 08 SAE 75W/90, 90, 85W/140 ZF TE-ML 16B, 17B SAE 75W/90, 90 ZF TE-ML 16C, 21A SAE 90, 85W/140 ZF TE-ML 16D SAE 85W/140 ZF TE-ML 19B SAE 90</p>	<p>STRUB Gear Oil Universal GL 5 is a lubricant for transmission systems, axles, hypoid gears. It's formulated from high thermal stability base oils and an advanced of the latest additive technology system.</p> <p>STRUB Gear Oil Universal GL 5 is used for the lubrication of highly loaded hypoid gears in passenger cars, on highway light and heavy duty trucks and commercial vehicles. They are recommended as universal oils to all other units of mechanical transmissions and other applications where API GL 5 transmission oils are required.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>
30352	75W/90												
30624	80W/90												
30353	85W/140												
30354	90												
30355	140												
 <p>STRUB Gear Oil MB Synt 75W/90</p> <p>Article-No. 32965</p>	<p>API GL-4, MB 235.11, ZF TE-ML 08, MAN 341 MB</p>	<p>Manual transmission oil based on synthetic base oils and an extremely effective additive package of the latest technology.</p> <p>The manual transmission oil has been developed for use in heavy MB commercial vehicle manual transmissions and achieves the longest replacement intervals in this application.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>										
 <p>STRUB Vulcogear S-Synt Z4 75W/80</p> <p>Article-No. 32063</p>	<p>API GL-4 MAN 341 E3, Z4, MB 235.4, Iveco, DAF, Renault Volvo 97305, ZF TE-ML 01L, 02L, 08, 16K</p>	<p>STRUB Vulcogear S-Synt Z-4 75W-80 was developed as a fully synthetic multi-range manual transmission lubricant, especially for the requirements of ZF transmissions. STRUB Vulcogear S-Synt Z-4 75W-80 is especially recommended for commercial vehicles (trucks, buses, vans) with manual transmissions. Furthermore for passenger cars, 4x4, which require an API GL-4 manual transmission oil.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>										
 <p>STRUB Vulcogear S-Synt Z5 75W/80</p> <p>Article-No. 32081</p>	<p>API GL-4 MAN 341 Typ Z5, MB 235.41 ZF TE-ML 01E, 02E, 16P</p>	<p>Fully synthetic manual transmission oil, specially developed for the maximum oil change intervals specified by ZF (540'000 KM) and approved for all ZF commercial vehicle manual transmissions. STRUB Vulcogear S-Synt Z5 75W / 80 is especially recommended for trucks, buses and light commercial vehicles.</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>										



AUTOMATIC TRANSMISSION FLUIDS



Automatic Transmission Fluid	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB ATF CVT</p> <p>Article-No. 31899</p>	<p>Audi/VW : (TL52180: G052 180;G052 516), Ford (CVT30/WSS-M2C933-A / Motorcraft XT-7QCFT, MERCON C), BMW 8322 0 136 376 /8322 0 429 154 (EZL 799A) Daihatsu Amix CVTF-DC/ Amix CVTF DFE, Honda (HMMF, HCF-2), Toyota/Lexus (TC, FE), Nissan (NS-1, NS-2, NS-3), Punch (EZL 799A), Mitsubishi (Dia Queen CVTF-J1 / SP-III), Subaru (i-CVTF, Lineartronic CVTF, K0425Y0710, CV-30, e-CVTF), Mini Cooper (EZL 799A/ ZF CVT V1), Hyundai Genuine CVTF Hyundai / Kia (SP-III, SP-CVT 1), Suzuki (CVTF 3320, TC, NS-2 / CVTF Green 1, Green 2) Dodge / Jeep (NS-2 /CVTF+4/ MOPAR CVT 4) GM/Saturn (DEX-CVT), Ford (CVT23), Mercedes Benz CVT28/ MB-Approval 236.20, Mazda (CVTF 3320)</p>	<p>STRUB ATF CVT is an high performance automatic transmission fluid specially recommended for use in latest generations of Continuously Variable Automatic Transmissions (CVT) which transfer traction via steel –made traction chains or belts. STRUB ATF CVT is tried and tested and fulfills the highest demands of transmission manufacturers.</p> <p>For the new generation of CVT's with thrust link belt or a gear chain made steel. STRUB ATF CVT fulfills the demands of most European-, Japanese- and American car manufacturers. The specifications and instructions from the car manufacturer must be followed.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>

Only the best for the gear.






AUTOMATIC TRANSMISSION FLUIDS

Automatic Transmission Fluid	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB ATF DCT</p> <p>Article-No. 32056</p>	<p>Audi : VW TL 052 182, VW TL 052 529 BMW (Getrag): 83 22 2 148 578, 83 22 2 148 579, 83 22 0 440 214, 83 22 2 147 477</p> <p>Ford (Getrag): Ford M2C936A Mercedes Benz: MB 236.21 (001 989 85 03)</p> <p>Mitsubishi: MZ320065 Dia-Queen SSTF-I Nissan : Ford M2C936A</p> <p>Peugeot/Citroen : 9734.S2 Porsche (ZF) : Oil No. 999.917.080.00 VW, Seat, Skoda: VW TL 052 182 Volvo: 1161838, 1162839</p>	<p>STRUB ATF DCT is a high performance synthetic ATF, which is especially designed for DCT/DSG. The excellent additive compound technology is especially adjusted between shear stable VI improver, anti-wear and friction modifier which guaranties an excellent clutch performance. It is proved by several field trials.</p> <p>STRUB ATF DCT fulfills the highest demand and meets the specification of VW Audi, Ford/Getrag, Mercedes, Volvo and Peugeot as well as for other vehicle manufacturer. The use is specified by the different specification of the manufacturer.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB ATF Synthetic M-V</p> <p>Article-No. 31774</p>	<p>Ford MERCON V Allison C-4 JASO 1-A Voith H55.6335 Volvo 97341</p> <p>Suitable for use GM DEXRON –VI, GM DEXRON –IIIIH ZF TE-ML 04D,05L, 09,11A,11B, (ZF 8-speed Automatic Transmission)</p> <p>14A,14B,14C,16L, 16M,20C Allison TES 295 MB-Approval 236.1/ 236.2/ 236.5/ 236.6/ 236.7/ 236.9 MAN 339 Type V-1, MAN 339 Type Z-1, MAN 339 Type Z-2, MAN 339 Type Z-3 Voith H55.6336, Volvo 97340 Mitsubishi Diamond SP-IV</p>	<p>STRUB ATF Synthetic M-V is a premium, synthetic multi-vehicle ATF designed to serve a broad range of vehicles. This synthetic ATF offers superior, well-balanced performance and creates an excellent opportunity to streamline and consolidates a complex marketplace.</p> <p>For European, Asian and North American Vehicles</p> <p>STRUB ATF Synthetic M-V is compatible with today's high performance transmissions and also provides premium performance in older vehicles. It is designed for HIGH and NEW LOW viscosity applications e.g. recommendations inclusive DexronVI.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>





AUTOMATIC TRANSMISSION FLUIDS

Automatic Transmission Fluid	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB ATF Dexron III-H</p> <p>Article-No. 30923</p>	<p>General Motors Dexron III-H General Motors Dexron III-G General Motors Dexron III 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</p> <p>Volvo 97340, 97341 BMW (Spezification LT 71141 + LA 2634) Honda ATF-Z1 (no 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</p>	<p>STRUB ATF Dexron III-H is semi synthetic multi-functional oil for automotive automatic gearboxes of cars, commercial vehicles and trucks as well as for converters, power shift, power steering and hydraulic systems where ATF is recommended.</p> <p>It covers the newest specifications of (GM/Opel + Mercon/Ford). STRUB ATF Dexron III-H is usable for almost all OEMs which specify Dexron or Mercon quality. STRUB ATF Dexron III-H is a high quality, partly synthetic universal Automatic Transmission Fluid (ATF) for lubrication of modern transmission gears.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>
 <p>STRUB Vulcofluid ATF Universal</p> <p>Article-No. 30264</p>	<p>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) Daimler Chrysler 236.6, 236.7 (Quality) MAN 339 D Sperry Vickers, Denison, Sundstrand, Renk</p>	<p>STRUB Vulcofluid ATF Universal is a high quality automotive transmission power steering and hydraulic oil.</p> <p>Suitable for automatic transmissions of passenger cars, heavy trucks and off road vehicles, according to instructions in power steering, torque converter, hydraulic systems and pumps.</p>	<p>5l 20l 60l 206l 1000l up to a tank wagon</p>



MULTIFUNCTION OIL

Multifunction oil	Specifications & Benefits	Application	Packaging sizes						
 <p>STRUB Super Tractoroil Universal STOU 10W/30,10W/40, 15W/40</p> <p>Article-No.</p> <table border="1"> <tr> <td>30296</td> <td>10W/30</td> </tr> <tr> <td>30227</td> <td>10W/40</td> </tr> <tr> <td>32227</td> <td>15W/40</td> </tr> </table>	30296	10W/30	30227	10W/40	32227	15W/40	<p>Engines: ACEA E7/ E4, MB 227.1, MB 228.1, MB 228.3 (level) API CE/CF/CF-4, MAN 271 API SE/SF, MIL-L-2104D</p> <p>Gear and Wet brakes: API GL4, 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</p> <p>Hydraulic: DIN 51524/3 HVLP (-D)</p>	<p>STRUB Super Tractoroil Universal STOU is a premium multifunctional oil specially formulated for use in agricultural equipment, engines, transmissions and differentials with wet brake system and integrated hydraulic system. The product can be used for total tractor lubrication and is approved by many tractor manufacturers.</p> <p>Total tractor lubrication- engine, gearbox, differential, hydraulic systems. Suitable for use in implements- Tractors with wet brake system- Power take-offs- Combines,- Earthmoving machines,- Forklifts</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>
30296	10W/30								
30227	10W/40								
32227	15W/40								
 <p>STRUB Vulcotrac Utto 20-134</p> <p>Article-No. 30358</p>	<p>API GL4 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</p>	<p>STRUB Vulcotrac Utto 20-134 is a premium High-Quality lubricant.</p> <p>Recommended for use in heavy-duty transmissions, differentials, final drives, hydraulic systems, power steering systems, wet brakes, PTOs and hydrostatic drives. STRUB Vulcotrac Utto 20-134 is recommended for tractor applications like: CASE MS 1204 /1207 /1210 Deutz-Fahr (KHD), Fendt, Fiat, Ford, Hürlimann, IMT, John Deere, Kubota, Lamborghini, Landini, Massey-Ferguson, Renault, Same, Schlueter, Steyr-Daimler-Puch, Universal, Ursus, Valmet, Volvo BM, Zetor</p>	<p>20l 60l 206l 1000l up to a tank wagon</p>						



MULTIFUNCTION OIL

Multifunction oil	Specifications & Benefits	Application	Packaging sizes
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Special Lubricants

Doesn't matter if In the agricultural, forestry or garden industry, our products are proving their worth daily under the most extreme conditions.



STRUB Vulcotrac Utto SAE 10W/30, 15W/30, 20W/30, 20W/40

Article-No.

31305	10W/30
31306	15W/30
30963	20W/30
33547	20W/40

Ford ESN-M2C-86-B, Ford ESN-M2C-86-C Massey Ferguson CMS M1135, Massey Ferguson CMS M1143 CNH MAT 3525 (Ford M2C-134-D) CNH MAT 3509 (Case MS 1230) Renault/Claas (Renault Gear) Case New Holland CNH MAT3525, Case New Holland CNH MAT3509 CASE MS 1207 John Deere JMD J20C FNHA-2-C-201.00, FNHA-2C-200.00 Same Deutz Fahr (Same Gear) Fendt (non Vario) API GL-4, ALLISON C-3

STRUB Vulcotrac UTTO is a special oil for transmission, differential, hydraulic and wet brakes of tractors. The product is particularly suitable for reducing wet-rattle in brakes and PTO.

20l 60l 206l 1000l up to a tank wagon



STRUB Superlube TO-4 SAE 10, 30, 40, 50

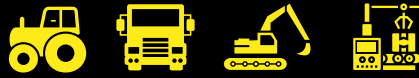
Article-No.

31399	SAE 10
30321	SAE 30
32245	SAE 40
32298	SAE 50




CATERPILLAR TO-4 ALLISON C-4 (SAE 10, SAE 30) Komatsu KES 07.868.1 (SAE 10, SAE 30, SAE 50) ZF TE-ML 03C (SAE 10, SAE 30) ZF TE-ML 07F (SAE 30) EATON (SAE 50 SAE 40) Dana -Spicer (SAE 50 SAE 40) API CF / CF-2 (not for Motor)

STRUB Superlube TO-4 is a lubricant for hydraulic systems and transmission-components, (axles or gearboxes) equipped with specific friction brakes. STRUB Superlube TO-4 is especially designed for the application in hydraulic systems, powershift gearbox, axle and final drives for which the manufacturer recommends a fluid meeting Caterpillar TO-4 specification.

20l 60l 206l 1000l up to a tank wagon



HYDRAULIC OIL

Hydraulic oil	Specifications & Benefits	Application	Packaging sizes																										
 <p>STRUB Vulcolube HLP</p> <p>Article-No.</p> <table border="1"> <tr><td>30580</td><td>ISO 2</td></tr> <tr><td>30716</td><td>ISO 5</td></tr> <tr><td>30480</td><td>ISO 10</td></tr> <tr><td>30994</td><td>ISO 15</td></tr> <tr><td>30330</td><td>ISO 22</td></tr> <tr><td>30331</td><td>ISO 32</td></tr> <tr><td>30328</td><td>ISO 46</td></tr> <tr><td>30332</td><td>ISO 68</td></tr> <tr><td>30333</td><td>ISO 100</td></tr> <tr><td>30334</td><td>ISO 150</td></tr> <tr><td>30582</td><td>ISO 220</td></tr> <tr><td>30583</td><td>ISO 320</td></tr> <tr><td>30584</td><td>ISO 460</td></tr> </table>	30580	ISO 2	30716	ISO 5	30480	ISO 10	30994	ISO 15	30330	ISO 22	30331	ISO 32	30328	ISO 46	30332	ISO 68	30333	ISO 100	30334	ISO 150	30582	ISO 220	30583	ISO 320	30584	ISO 460	<p>DIN 51524 Teil 2, Hydraulic oil HLP, ISO 6743-4 HM, AFNOR NF E 48-603: HM (Antiwear Hydraulic oil), AFNOR NF E 48-690, NF E 48-691: filterability, CETOP RP 124H und Pall filterability Cincinnati Milacron P-68, 69, 70, Denison HF-0, HF-1 HF-2 (ISO VG 32, 46, 68), Eaton Vickers I-286-S: Pump V104C Test, Eaton Vickers M-2950-S: Pump 35VQ25 Test</p> <p>Approval: Putzmeister Concrete Pumps WN022521 (HLP 46) Battenfeld (ISO VG 46)</p>	<p>STRUB Vulcolube HLP is for Hydraulic Systems in the industry, construction, transportation and agricultural area.</p> <p>Hydraulic oil for practically all hydraulic systems as well as lubricating oil for plain and roller bearings, machine tools, compressors, vacuum pumps, gearboxes, circulation systems, control devices and many other applications. The choice of this type of oil and the optimum viscosity depends on the respective OEM recommendation. STRUB Vulcolube HLP 2,5,10, 15 are especially usable as spindle oils.</p>	<p>5l 20l 60l 206l 1000l up to a tank wagon</p>
30580	ISO 2																												
30716	ISO 5																												
30480	ISO 10																												
30994	ISO 15																												
30330	ISO 22																												
30331	ISO 32																												
30328	ISO 46																												
30332	ISO 68																												
30333	ISO 100																												
30334	ISO 150																												
30582	ISO 220																												
30583	ISO 320																												
30584	ISO 460																												
 <p>STRUB Vulcolube HLP-D</p> <p>Article-No.</p> <table border="1"> <tr><td>31069</td><td>ISO 5</td></tr> <tr><td>31217</td><td>ISO 10</td></tr> <tr><td>30905</td><td>ISO 22</td></tr> <tr><td>30335</td><td>ISO 32</td></tr> <tr><td>30336</td><td>ISO 46</td></tr> <tr><td>30337</td><td>ISO 68</td></tr> </table>	31069	ISO 5	31217	ISO 10	30905	ISO 22	30335	ISO 32	30336	ISO 46	30337	ISO 68	<p>DIN 51524 Part 2 (except water separation)</p>	<p>STRUB Vulcolube Hydraulic Oil HLP-D series are premium mineral oil-based hydraulic fluids containing a selective additive system, for protection of hydraulic systems, plus the addition of detergent/ dispersant additives.</p> <p>STRUB Vulcolube HLP-D series are particularly recommended for use in hydraulic systems of machine tools, where water mixed cutting fluids may enter the hydraulic system. They can also be used in applications that experience high level contamination e.g. mobile equipment, industrial hydraulic systems, injection moulding machines, electronically controlled hydraulic equipment.</p>	<p>5l 20l 60l 206l 1000l up to a tank wagon</p>														
31069	ISO 5																												
31217	ISO 10																												
30905	ISO 22																												
30335	ISO 32																												
30336	ISO 46																												
30337	ISO 68																												
 <p>STRUB Vulcolube EP VI</p> <p>Article-No.</p> <table border="1"> <tr><td>30338</td><td>ISO 15</td></tr> <tr><td>30339</td><td>ISO 22</td></tr> <tr><td>30340</td><td>ISO 32</td></tr> <tr><td>30341</td><td>ISO 46</td></tr> <tr><td>30053</td><td>ISO 68</td></tr> </table>	30338	ISO 15	30339	ISO 22	30340	ISO 32	30341	ISO 46	30053	ISO 68	<p>DIN 51524 Part 3, (HVLP) AFNOR NF E 48-603 HV AFNOR NF E 48-690, NF E 48-691 filterability CETOP RP 124H und Pall filterability Cincinnati Milacron P-68, 69, 70 Denison HF- 0, HF- 2 Sperry Vickers M-2950-S (35VQ25)</p>	<p>STRUB Vulcolube EP VI oils are suitable for hydraulic applications, lubrications for sliding bearings and roll bearings, for many types of gear, vane and piston pumps where the application requires an antiwear hydraulic oil. EP VI oils are Strub's primary recommendation for hydraulic applications where low and high ambient temperatures are encountered.</p>	<p>5l 20l 60l 206l 1000l up to a tank wagon</p>																
30338	ISO 15																												
30339	ISO 22																												
30340	ISO 32																												
30341	ISO 46																												
30053	ISO 68																												



HYDRAULIC OIL

Hydraulic oil	Specifications & Benefits	Application	Packaging sizes
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zinc-free



STRUB Vulcolube EP VI ZF

Article-No.	
31607	ISO 15
32673	ISO 22
31181	ISO 32
31174	ISO 46
30985	ISO 68

DIN 51524 Part 3, HVLP, ISO6743/4 HV
DIN 51517 Part 3, CLP
Denison HF- 0, HF- 2
Sperry Vickers V-104C + 35VQ25

For industrial, building-, transport and agricultural hydraulic systems. Suitable for hydraulic applications, lubrications for sliding bearings and roll bearings, for many types of gear, vane and piston pumps where the application requires an antiwear hydraulic oil. EP VI ZF oil is Strub's primary recommendation for hydraulic applications where low ambient temperatures are encountered.

5l 20l 60l
206l 1000l
up to a tank wagon



STRUB Vulcolube HLP-D ZF

Article-No.	
30331	ISO 32
30328	ISO 46
30332	ISO 68
30334	ISO 150

DIN 51524 Teil 1 +2 (HL, HLP), DIN 51517 Teil 2 + 3 (CL, CLP)
SEB 181.226 (Hydr. oil German steel industrie)
ISO 11158 HM, MAG
IAS: P-68/ISO 32, P-70/ISO 46, P-69/ ISO 68

Suitable for Hydraulic systems in industry, construction, transport and agriculture. The zinc-free products have been developed for hydrostatic, oil-hydraulic systems in mobile and stationary use. STRUB Vulcolube HLP ZF is particularly suitable for modern hydraulic systems in the industry, if the use of hydraulic oils according to DIN 51524 T.2 is prescribed. STRUB Vulcolube HLP ZF can also be used for lubrication of smaller industrial gears, where a CLP liquid is required to be used.

5l 20l 60l
206l 1000l
up to a tank wagon



STRUB Vulcolube HLP ZF

Article-No.	
32375	ISO 2
31484	ISO 5
31100	ISO 10
31400	ISO 22
31016	ISO 32
30740	ISO 46
31555	ISO 68
31183	ISO 100

Hydraulikoel HLP/ DIN 51524 Teil 2
Dension: HF-0; HF-1; HF-2
Eaton Vickers: 1286-S, M-2950-S (ISO 32,46,68)
SEB 181.222 (Deutsche Stahlindustrie)
ISO 11158 HM, MAG
IAS: P-68/ISO 32; P-70/ISO 46; P-69/ ISO 68
Thyssen TH-N 256-142, AIST (U.S. Steel): 127; 136
Getriebeoel CLP/ DIN 51517 Teil 3

STRUB Vulcolube HLP ZF is formulated with high quality solvent refined base oils. The HLP ZF lubricant is free from ash forming components, silicone and zinc. It exhibits very good anti wear- and corrosion protection properties.

Hydraulic systems in industry, construction, transport and agriculture. The zinc-free products have been developed for hydrostatic, oil-hydraulic systems in mobile and stationary use. STRUB Vulcolube HLP ZF is particularly suitable for modern hydraulic systems in the industry, if the use of hydraulic oils according to DIN 51524 T.2 is prescribed. STRUB Vulcolube HLP ZF can also be used for lubrication of smaller industrial gears, where a CLP liquid is required to be used.

5l 20l 60l
206l 1000l
up to a tank wagon

fully synthetic



STRUB Vulcolube O.A.P.

Article-No.	
31229	ISO 32
31231	ISO 46
31232	ISO 68
31233	ISO 100






DIN 51524 / Teil 1, 2 + 3: Hydraulic Oil HL, HLP, or HVLP
51506 VDL:
Compressor Oil
Dension HF-0, HF-1, HF-2
Vickers M-2950-S
Cincinnati Milacron P-68 (ISO VG 32)
P-69 (ISO VG 68)
P-70 (ISO VG 46)

STRUB Vulcolube O.A.P. is high-quality Lubricants for hydraulic systems and hydrostatic drive like Gear, Vane, Reciprocating pumps. Usable in stationary and movable aggregates for the industry, cold storage houses, goods elevator, etc. For screw and piston compressors.

5l 20l 60l
206l 1000l
up to a tank wagon







HYDRAULIC OIL

Hydraulic oil	Specifications & Benefits	Application	Packaging sizes										
biodegradable													
 <p>STRUB Hydrosynt HEES</p> <p>Article-No.</p> <table border="1"> <tr><td>32469</td><td>ISO 15</td></tr> <tr><td>30344</td><td>ISO 22</td></tr> <tr><td>30345</td><td>ISO 32</td></tr> <tr><td>30488</td><td>ISO 46</td></tr> <tr><td>30346</td><td>ISO 68</td></tr> </table>	32469	ISO 15	30344	ISO 22	30345	ISO 32	30488	ISO 46	30346	ISO 68	<p>HEES, DIN 51524 Part 2 + 3</p> <p>VDMA 24568</p>	<p>STRUB Hydrosynt HEES is Synthetic, mineral oil free, biodegradable multi-grade hydraulic oil.</p> <p>For almost any hydraulic aggregate used for example in hydraulic water constructions, fresh water constructions, water diggers, ships, food industry, refrigerated warehouses, forest industry as well as presses, construction vehicles.</p>	<p>5l 20l 60l 206l 1000l</p> <p>up to a tank wagon</p>
32469	ISO 15												
30344	ISO 22												
30345	ISO 32												
30488	ISO 46												
30346	ISO 68												
 <p>STRUB Vulcolube Synt HEES</p> <p>Article-No.</p> <table border="1"> <tr><td>32273</td><td>ISO 22</td></tr> <tr><td>32419</td><td>ISO 32</td></tr> <tr><td>30218</td><td>ISO 46</td></tr> <tr><td>32594</td><td>ISO 68</td></tr> </table>	32273	ISO 22	32419	ISO 32	30218	ISO 46	32594	ISO 68	<p>ISO 15'380 HEES, VDMA 24568 HEES ASTM D 943 (Trockener TOST Test) > 2000 h HPDSC, 220°C > 50 Min.</p>	<p>For nearly all hydraulic systems, especially where environmental compatibility is required. For hydraulic systems of plant and machinery for road working and buildings, automobiles, machine tools, presses and systems for irrigation, fresh water supply, floating caterpillars, boats, food industry, refrigeration plants, forestry, etc.</p>	<p>5l 20l 60l 206l 1000l</p> <p>up to a tank wagon</p>		
32273	ISO 22												
32419	ISO 32												
30218	ISO 46												
32594	ISO 68												
flame-resistant													
 <p>STRUB Vulcosafe HL 702</p> <p>Article-No.</p> <table border="1"> <tr><td>30167</td><td>ISO 46</td></tr> </table>	30167	ISO 46	<p>Typ HFC labeling according to DIN-Standard 51502</p> <p>ISO 6743/4</p>	<p>STRUB VULCOSAFE HL 702 is an environmental safe, water-glycol based, fire resistant hydraulic fluid.</p> <p>To be used for hydraulic systems where a higher risk in terms of fire hazard, eg., foundries, pressing plant. We recommend sporadically to leave the analyze of fluid. Water losses can be detected and corrected early.</p>	<p>5l 20l 60l 206l 1000l</p> <p>up to a tank wagon</p>								
30167	ISO 46												
 <p>STRUB Vulcosafe HFD-U 802 - ISO 46</p> <p>Article-No.</p> <table border="1"> <tr><td>31094</td><td>ISO 46</td></tr> </table>	31094	ISO 46	<p>Typ HFD-U labelling according to DIN-Standard 51502</p> <p>VDMA- 24 317</p>	<p>STRUB VULCOSAFE HFD-U 802 ISO 46 is a fire resistant hydraulic fluid, biodegradable multi-grade hydraulic oil on the basis of esters. To be used for hydraulic systems where a higher risk exists in terms of fire hazard, e.g., foundries, pressing plant.</p>	<p>5l 20l 60l 206l 1000l</p> <p>up to a tank wagon</p>								
31094	ISO 46												
Central Hydraulics													
 <p>STRUB LHM Plus</p> <p>Article-No.</p> <table border="1"> <tr><td>30671</td><td></td></tr> </table>	30671		<p>ISO 7308</p> <p>Fiat 9.55597</p> <p>IVECO 18-1823</p> <p>NH 610 A</p> <p>PSA (Citroen) B71 2710</p> <p>CASE</p> <p>Massey Ferguson</p>	<p>STRUB LHM Plus is a high-performance hydraulic fluid specially developed for use in PSA vehicles.</p> <p>For Citroen-XM hydraulic systems, Xantia, BX, CX, SM, GS, ID, CS since 66, Citroen-Vans N, P + C35. The fluid supports the control of the brake and suspension functions of Citroen Ami 8, Ami Super, Dyane, Mehari since 1977 and 2CV July 82. Level control in Peugeot 405 X4.</p> <p>STRUB LHM Plus must not be used if brake fluid according to SAE J 1703 is prescribed. Not miscible with synthetic brake fluids.</p>	<p>1l 5l 20l 60l 206l</p>								
30671													








ADDITIONAL PRODUCTS





Brake Fluids	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Brakefluid DOT 4 Article-No. 30630</p>	<p>SAE J1703, SAE J1704 FMVSS No 116 DOT 4 ISO 4925 Class 4</p>	<p>STRUB Brakefluid DOT 4 is on the highest quality level of synthetic DOT 4 Fluid.</p> <p>STRUB Brakefluid DOT 4 can be used with either disc or drum brakes, including modern vehicles fitted with ABS systems. It's compatible with all other brake fluid of the same quality level. Many automobile manufactures in the world use this product for first filling.</p>	<p>1l 5l 30l</p>
 <p>STRUB Brakefluid DOT 4 NV (Plus/SL6) Article-No. 30981</p>	<p>SAE J 1703, SAE J 1704 FMVSS No.116 Dot 4 ISO 4925 Class 6</p>	<p>STRUB brake fluid DOT 4 NV (Plus / SL6) is a specially formulated, extremely low viscosity fluid in the cold at the highest DOT 4 level. It is a world-class technology. The use of a combination of inhibitors combined with a very low-viscosity base system guarantees outstanding suitability for vehicle control systems. Due to its low viscosity DOT 4 NV is the ideal brake fluid for modern vehicles with ESP DSP (driving stability systems). The significantly lower response times during the control process due to the extremely good flowability at low temperatures increase the safety potential of the brake systems filled with this fluid.</p>	<p>1l 5l 30l</p>
 <p>STRUB Brakefluid DOT 4 Racing Article-No. 31127</p>	<p>SAE J 1703, SAE J 1704 FMVSS No.116 Dot 4</p>	<p>STRUB brake fluid DOT 4 Racing is a synthetic brake fluid of the highest class, which is thermally highly resilient.</p>	<p>1l 5l 30l</p>
 <p>STRUB Brakefluid DOT 5.1 Article-No. 30631</p>	<p>SAE J1703, SAE J1704 FMVSS No 116 Dot 5.1 ISO 4925 Class 5.1</p>	<p>STRUB Brakefluid DOT 5.1 is on the highest quality level of synthetic DOT 5.1 Fluid. The minimum requirements of FMVSS 116 specifications are significantly exceeded. STRUB Brakefluid DOT 5.1 can be used with either disc or drum brakes, including modern vehicles fitted with ABS systems. It's compatible with all other brake fluid of the same quality level. Many automobile manufactures in the world use this product for first filling.</p>	<p>1l 5l 30l</p>







ADDITIONAL PRODUCTS

Antifreeze	Specifications & Benefits	Application	Packaging sizes														
 <p>STRUB Antifreeze QFC (VW G13)</p> <p>Article-No. 32014</p>	<p>Si-OAT-Technology VW TL 774J (G13)</p>	<p>A radiator protection based on ethylene glycol - ensures maintenance-free frost and corrosion protection for the entire lifetime of the engine.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>														
 <p>STRUB Antifreeze QRC (VW G12++)</p> <p>Article-No. 31380</p>	<p>Si-OAT-Technology VW TL 774G (G12++) MB 325.5 MAN 324 Typ Si-OAT</p>	<p>STRUB Antifreeze QRC (VW G12++) is an economical antifreeze coolant concentrate providing frost and corrosion protection.</p>	<p>1l 5l 20l 60l 206l 1000l up to a tank wagon</p>														
 <p>STRUB Antifreeze XLC</p> <p>Article-No.</p> <table border="1"> <tr><td>32569</td><td>50/50 blue</td></tr> <tr><td>30251</td><td>50/50 green</td></tr> <tr><td>30830</td><td>50/50 purple</td></tr> <tr><td>32632</td><td>blue</td></tr> <tr><td>31781</td><td>yellow</td></tr> <tr><td>30239</td><td>purple</td></tr> <tr><td>30527</td><td>colourless</td></tr> </table>	32569	50/50 blue	30251	50/50 green	30830	50/50 purple	32632	blue	31781	yellow	30239	purple	30527	colourless	<p>OAT-Technology This product is authorized from the main engine suppliers, car and truck manufacturers.</p>	<p>STRUB Antifreeze XLC is an economical antifreeze coolant concentrate providing frost and corrosion protection.</p>	<p>1l 5l 25l 60l 206l 1000l up to a tank wagon</p>
32569	50/50 blue																
30251	50/50 green																
30830	50/50 purple																
32632	blue																
31781	yellow																
30239	purple																
30527	colourless																
 <p>STRUB Antifreeze AFC</p> <p>Article-No.</p> <table border="1"> <tr><td>30932</td><td>Fluorescein</td></tr> <tr><td>31572</td><td>ready-mixture -20°C</td></tr> <tr><td>31897</td><td>colourless</td></tr> <tr><td>32032</td><td>blue-green</td></tr> <tr><td>32677</td><td>50/50 blue-green</td></tr> <tr><td>32816</td><td>blue ready-mixture -50°C</td></tr> </table>	30932	Fluorescein	31572	ready-mixture -20°C	31897	colourless	32032	blue-green	32677	50/50 blue-green	32816	blue ready-mixture -50°C	<p>This product is authorized from the main engine suppliers, car and truck manufacturers.</p>	<p>The coolant is an silicate-containing ethylene glycol based fluid that provides maintenance-free protection against freezing and boiling but also against corrosion.</p>	<p>1l 5l 25l 60l 206l 1000l up to a tank wagon</p>		
30932	Fluorescein																
31572	ready-mixture -20°C																
31897	colourless																
32032	blue-green																
32677	50/50 blue-green																
32816	blue ready-mixture -50°C																
 <p>STRUB Havocool BS</p> <p>Article-No. 30103 blue</p>	<p>BS 6580: 1992 und BS 6580: 2010 ASTM D 3306 SAE J 1034</p>	<p>STRUB Havocool BS is an economical antifreeze coolant concentrate providing frost and corrosion protection.</p>	<p>5l 25l 60l 206l 1000l up to a tank wagon</p>														






ADDITIONAL PRODUCTS

Grease & Pastes	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Universal Grease 1900 EP 2 Article-No. 30664</p>		<p>STRUB Universal Grease 1900 EP 2 is High-Quality lithium soap grease for plain and rolling bearings and it is con-veyed well and has good adhesion characteristics and a long shelf life. STRUB Universal Grease 1900 EP 2 is especially for the lubrication of sliding and rolling bearings in industry, transportation, agriculture and the commercial sector.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Universal Long-Term Grease 1950 EP 2 Article-No. 30665</p>		<p>STRUB Universal Long-Term Grease 1950 EP 2 is a high technology universal lubricant. It is totally waterproof and does not emulsify with water. A strong affinity to the metal surface creates high film strength, which makes this grease unique and guarantees faultless working conditions under all circumstances. Lubrication intervals are extended and excellent corrosion protection is provided in wet and moist environments such as coastal regions.</p> <p>STRUB Universal Long-Term Grease 1950 EP 2 is suitable for all types of industrial and automotive bearings as well as a general-purpose lubricant. It is an ideal anti seizes grease for roller bearings. The extraordinary fibrous and adhesive nature eliminates squeaking or rattles on pins, bushes, bolts and joints. Recommended where water or coolant mist tends to wash out grease from bearings and it may be used where snow ploughs come into contact with water and salt.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Universal Long-Term Grease 1950 MoS2 Article-No. 30469</p>		<p>STRUB Universal Long-Term Grease 1950 MoS2 is a high technology universal grease with MoS2. It is totally waterproof and does not emulsify with water. A strong affinity to the metal surface creates high film strength, which makes this grease unique and guarantees faultless working conditions under all circumstances. Lubrication intervals are extended and excellent corrosion protection is provided in wet and moist environments such as coastal regions.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Universal Long-Term Grease 1950 PTFE Article-No. 31648</p>		<p>Light colored, extremely adhesive and water resistant grease with PTFE. STRUB universal long-life grease 1950 PTFE also has a very high fulling resistance, wide temperature limits and is easy to convey. The grease ensures in many cases longer relubrication intervals.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>






ADDITIONAL PRODUCTS

Grease & Pastes	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Universal Grease 1910 EP 2</p> <p>Article-No. 30701</p>		<p>STRUB Universal Grease 1910 EP 2 is a “synthetic-ability” grease with a high resistance to softening leakage, severe vibration and temperature conditions owing to its excellent mechanical and temperature stability.</p> <p>STRUB Universal Grease 1910 EP 2 is suitable for all types of automotive and industrial bearings as well as a general purpose lubricant. STRUB Universal Grease 1910 EP 2 is also compatible with most mineral oil greases.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Universal Grease 1910 EP MoS2</p> <p>Article-No. 31684</p>		<p>STRUB universal grease 1910 EP MoS2 is a universal grease based on the most modern knowledge. It corresponds to a very wide range of applications in industry.</p> <p>STRUB universal grease 1910 EP MoS2 also has a very good flex resistance, adheres very strong, wide temperature limits and is easy to convey. The grease guarantees in many cases longer relubrication intervals and has good emergency running properties.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Universal Grease 1910 PTFE</p> <p>Article-No. 31631</p>		<p>UNIVERSAL GREASE 1910 PTFE is a “synthetic-ability” grease with a high resistance to softening leakage, severe vibration and temperature conditions owing to its excellent mechanical and temperature stability. UNIVERSAL GREASE 1910 PTFE has a very high water wash out resistance, excellent corrosion protection, a very long service life as well as an excellent extreme pressure performance.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB THC-T-W High-Pressure Paste</p> <p>Article-No. 30458</p>		<p>STRUB THC-T-W High Pressure Paste is user-friendly multipurpose grease with a novel composition of synergistic solid lubricants.</p> <p>STRUB THC-T-W High Pressure Paste ensures against corrosion, prevents stick-slip at low speeds, avert against fretting corrosion and guarantees high load carrying properties. STRUB THC-T-W High Pressure Paste is also water-resistant, tacky and easy brush able. Excellent for nearly all kinds of assembly works in all industrial fields.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>





ADDITIONAL PRODUCTS

Grease & Pastes	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Water Resistant Grease 1907</p> <p>Article-No. 31145</p>		<p>STRUB Water Resistant Grease 1907 is very suitable as an antiseize grease for Rollerbearings. The extraordinary fibrous and adhesive nature of STRUB Water Resistant Grease 1907 reduces the squeaking or rattle movement on pins bushes, bolt and joints. It is used all over where snow plow machines came into contact with water and salt. It is also suitable for ships in fresh and salt water and chain drive in watery and moist surroundings. prolongs the lifetime of the bearing or working in comparison to other standard universal greases.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Open Gear VL</p> <p>Article-No. 30026</p>		<p>STRUB Open Gear VL is an excellent adhesive, high tech, synthetic lubricant which is based on the newest technology. It contains a combination of MoS2 and graphite solid lubricants for extreme application, e.g. boundary lubrication. It also has chemical EP (extreme pressure) additives which in combination with the solid lubricants give you a hydro elastic lubricating film which anchors itself to the metal surface thus eliminating wear, tear and pitting.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Vaseline Grease Pharma</p> <p>Article-No. 30827</p>		<p>Vaselinfett Pharma is used as a raw material for pharmaceutical cosmetic preparations, cosmetics and plasticiser used for the plastics industry and also as a lubricant in the food or pharmaceutical industry.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Scaffolding grease light</p> <p>Article-No. 30566</p>		<p>Protects aluminum and zinc alloys against corrosion of any kind and prevents seizing under high static load thanks excellent EP properties.</p> <p>Makes screw joints easier to loosen and holds threaded spindles, hinges, bolts, sliding smoothly. The very good adhesion and water resistance enables economical use and targeted use. STRUB scaffolding grease light is weather-resistant and clean in the application.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Graphitepaste SPG 40</p> <p>Article-No. 30461</p>		<p>STRUB Graphitepaste SPG 40 has a selected graphite content combination. The paste does not melt and therefore it has no drop point.</p> <p>STRUB Graphitepaste SPG 40 is used as lubricating, separating and sealing paste or as a assembly paste for flanges and gaskets. The gaskets and flanges are kept in a good condition.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>






ADDITIONAL PRODUCTS

Grease & Pastes	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Molymagus NT-3 / NLGI 2</p> <p>Article-No. 30601</p>		<p>STRUB Molymagus NT-3 NLGI 2 is a heavy-duty grease fortified with E.P. additives, including MoS2. It is a long-life grease and can extend lubricating cycle's tenfold. It represents the latest technology in grease manufacturing.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Gear Grease 1740 EP 00</p> <p>Article-No. 30663</p>		<p>Lubricating grease for gears, wherever is prescribed a gear grease of the NLGI class 00.</p> <p>STRUB Gear Grease 1740 EP 00 is particularly suitable for VOGEL and DELIMONT Central Lubrication Systems. Furthermore for geared motors (BAUER geared motors) with according sealant on roller-, needle- and ball bearings.</p> <p>Working temperature: - 25°C - 100°C</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Paste AKS 2000 Chrom 40</p> <p>Article-No. 30011</p>		<p>STRUB Paste AKS 2000 Chrome 40 is very resistant to water, lyes, acids, etc. and is compatible with all sealing materials, which are designed for mineral oil and ester. STRUB Paste AKS 2000 Chrome 40 can also be used advantageously in wet and dusty operations.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Wheel Bearing Grease 1710</p> <p>Article-No. 30774</p>		<p>Outstanding universal wheel bearing grease for sliding and rolling bearings in the field of transport (trucks, PCs) and agriculture.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Silicon Grease 5040, 5050, 5060</p> <p>Article-No. 30456 5040 30457 5050 31505 5060</p>		<p>STRUB Silicone Grease 5040, 5050, 5060 are soft, greasy silicone compounds with an excellent thermal stability.</p> <p>The products are registered by NSF (H1) and certified by NSF after ISO 21469 for use where there is potential for incidental food contact. Produced according to the highest Quality Standards, in facilities where HACCP audit have been implemented and form part of the quality and hygiene management systems ISO 9001 and ISO 21469.</p> <p>Sealant for cold and hot water seals for ball valves, single-lever mixers, piston cartridges, mixing batteries, swivel spout, shower head ceramic installations, temperature controllers, thermocouples, thermostats, thermo valves, press-fit seals, water hydraulics, radial shaft seals.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>

ADDITIONAL PRODUCTS




Grease & Pastes	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB HT PU 550 Synth</p> <p>Article-No. 31583</p>		<p>STRUB HT PU 550 SYNTH is a synthetic lubricant for all the industry where low and high temperatures can occur (-40°C to +180°C). It is also recommended for ball bearings, rolling contact bearings, plain bearings and needle bearings of different material grades at high r.p.m., high pressure and long service intervals.</p> <p>STRUB HT PU 550 SYNTH is also very suitable for long life lubrication of electro motors, turbines, generators, conveyer systems.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Ceramic Paste White NLGI 2</p> <p>Article-No. 30449</p>		<p>STRUB Ceramic Paste white NLGI 2 is a white extreme temperature paste with a synergistic solid lubricant combination. The selected lubricant components stop tribo-corrosion up to 1'400°C.</p> <p>STRUB Ceramic Paste white NLGI 2 is suitable against rust and seizing up of cylinders, brakes - and steering rods, adjustment screw, springs, pins, brake cylinders, petrol jets etc.</p> <p>STRUB Ceramic Paste white NLGI 2 is a first class montage paste for fittings bushes, pass-press fits gears and shafts.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Copper Grease</p> <p>Article-No. 30939</p>		<p>STRUB copper grease is a soft contact grease, which has been mixed with special lamellar copper particles, so that the high electrical conductivity can be ensured in an optimum. The STRUB copper grease can be used as contact grease, in spot welding systems, electronic cables, conductor elements, etc.</p> <p>Due to its fine structure and good adhesive properties, it can easily be applied well in exposed areas.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>
 <p>STRUB Chisel Paste EP NLGI 3</p> <p>Article-No. 30268</p>		<p>STRUB Chisel Paste EP NLGI 3 is a solid lubricating-paste of modern kind. It is used for separation, lubrication and mounting in the following areas: trams, industry and construction, motor industry, iron and steel industry, rotating valves, cement industry for the rings on the drum-kilns as well as for the whole maintenance in all industrial factories.</p>	<p>180kg 50kg 22kg 10kg 5kg 1kg 450gr 400gr 250gr</p>

ADDITIONAL PRODUCTS

Grease & Pastes	Specifications & Benefits	Application	Packaging sizes																
 <p>STRUB Multi Duty Grease EP</p> <p>Article-No. <table border="1"> <tr><td>32033</td><td>EP 1</td></tr> <tr><td>30666</td><td>EP 2</td></tr> <tr><td>30677</td><td>EP 3</td></tr> </table> </p>	32033	EP 1	30666	EP 2	30677	EP 3		<p>Through the high temperature application range it can be used even as universal grease, where lithium base greases fail the service. Construction, garages, cement industry, mills, foundries, chemical industry, textile and machinery industry, transport, agriculture, etc.</p>	<table border="1"> <tr><td>180kg</td><td>50kg</td></tr> <tr><td>22kg</td><td>10kg</td></tr> <tr><td>5kg</td><td>1kg</td></tr> <tr><td>450gr</td><td>400gr</td></tr> <tr><td>250gr</td><td></td></tr> </table>	180kg	50kg	22kg	10kg	5kg	1kg	450gr	400gr	250gr	
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30666	EP 2																		
30677	EP 3																		
180kg	50kg																		
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5kg	1kg																		
450gr	400gr																		
250gr																			
 <p>STRUB Paste HTP</p> <p>Article-No. <table border="1"> <tr><td>31714</td><td>HTP 1</td></tr> <tr><td>30459</td><td>HTP 2</td></tr> </table> </p>	31714	HTP 1	30459	HTP 2		<p>STRUB Paste HTP is used for separation, lubrication and mounting in the following areas: trams, industry and construction, motor industry, iron and steel industry, rotating valves, cement industry for the rings on the drum-kilns as well as for the whole maintenance in all industrial factories. Also available in 400 ml aerosol spray!</p>	<table border="1"> <tr><td>180kg</td><td>50kg</td></tr> <tr><td>22kg</td><td>10kg</td></tr> <tr><td>5kg</td><td>1kg</td></tr> <tr><td>450gr</td><td>400gr</td></tr> <tr><td>250gr</td><td></td></tr> </table>	180kg	50kg	22kg	10kg	5kg	1kg	450gr	400gr	250gr			
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250gr																			
 <p>STRUB HT PU 680</p> <p>Article-No. 30668</p>		<p>STRUB HT PU 680 is a high temperature grease with synergistic working EP-additives. It has excellent load carrying capabilities and very good water resistancy even at static or dynamic loads.</p>	<table border="1"> <tr><td>180kg</td><td>50kg</td></tr> <tr><td>22kg</td><td>10kg</td></tr> <tr><td>5kg</td><td>1kg</td></tr> <tr><td>450gr</td><td>400gr</td></tr> <tr><td>250gr</td><td></td></tr> </table>	180kg	50kg	22kg	10kg	5kg	1kg	450gr	400gr	250gr							
180kg	50kg																		
22kg	10kg																		
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450gr	400gr																		
250gr																			
 <p>STRUB Planto Grease EP 2</p> <p>Article-No. 30603</p>		<p>STRUB Planto Grease is a bright good adhesive grease. It is used at low, normal and high temperatures. The composition of this modern grease based on the latest developments of our research in the field of biodegradable products.</p>	<table border="1"> <tr><td>180kg</td><td>50kg</td></tr> <tr><td>22kg</td><td>10kg</td></tr> <tr><td>5kg</td><td>1kg</td></tr> <tr><td>450gr</td><td>400gr</td></tr> <tr><td>250gr</td><td></td></tr> </table>	180kg	50kg	22kg	10kg	5kg	1kg	450gr	400gr	250gr							
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Oil binding Agent	Specifications & Benefits	Application	Packaging sizes																
biodegradable																			
 <p>Oclansorb©</p> <p>Article-No. <table border="1"> <tr><td>33135</td><td>13 liter</td></tr> <tr><td>33136</td><td>44 liter</td></tr> </table> </p>	33135	13 liter	33136	44 liter		<p>Oclansorb absorbent is an all-natural, environmentally friendly safe product. Oclansorb has open chambers which encapsulate hydrocarbons, rather than attaching to outer surfaces as they do with clay-based products. No leaching or residue will be left to clean up. Firefighters and industrial safety groups appreciate the many benefits provided by Oclansorb absorbent.</p>	<table border="1"> <tr><td>13l sack</td></tr> <tr><td>44l sack</td></tr> </table>	13l sack	44l sack										
33135	13 liter																		
33136	44 liter																		
13l sack																			
44l sack																			



ADDITIONAL PRODUCTS

Additiv & Fuel	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Fuel-Additiv 1300</p> <p>Article-No. 30546</p>		<p>Fuel-Additive with water absorbent properties to keep all 2-stroke, 4-stroke gasoline engines clean.</p>	<p>250ml 5l 20l</p>
 <p>STRUB Dieseladditiv LSC 2003, 2005</p> <p>Article-No. 30554 LSC 2003 30555 LSC 2005</p>	<p>CEC F-06-A-96 HFRR BOTS Method / BOCLE Method Bosch, Cummins, Lucas und Stanadyne</p>	<p>STRUB Dieseladditiv LSC 2003 or 2005 are high efficiency fuel additive. A very low concentration additive to Diesel fuel for all kind of Diesel engines for trucks, earth moving machines and passenger vehicles reduces friction and increases performance.</p>	<p>250ml 5l 20l</p>
 <p>STRUB Lead Replacement 9598</p> <p>Article-No. 30548</p>		<p>A gasoline additive formulated to protect against valve seat wear in engines designed for leaded fuel when they are operated on unleaded gasoline.</p>	<p>250ml</p>



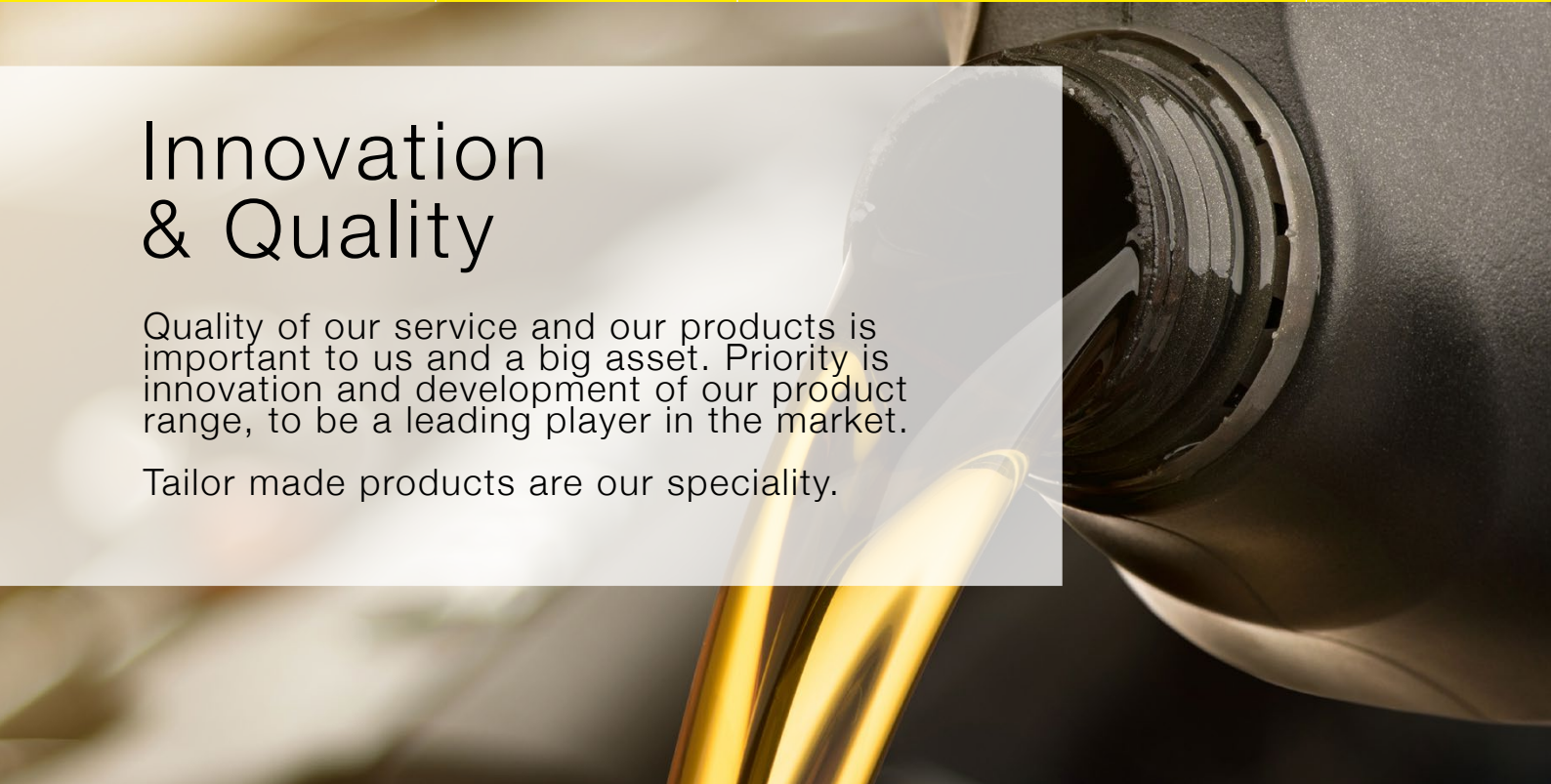
ADDITIONAL PRODUCTS




Additiv & Fuel	Specifications & Benefits	Application	Packaging sizes
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Innovation & Quality

Quality of our service and our products is important to us and a big asset. Priority is innovation and development of our product range, to be a leading player in the market.




Tailor made products are our speciality.



 <p>STRUB Gear Oil Additive No. 58 Article-No. 30356</p>		<p>Aging-resistant mineral oil-containing additive combination, which gives the gear oils extremely good lubricating and sliding properties (limited slip).</p>	<p>1l 5l 20l</p>
 <p>STRUB Wear Protection Additiv Article-No. 33298</p>		<p>Improves the metal surface and forms a wear-resistant protective film. Excellent high-pressure and runflat properties. Applicable to all petrol, diesel (with or without turbocharger) and LPG engines. Add to the warm engine with each oil change.</p>	<p>500ml</p>
 <p>STRUB Lubricating Oil M6 Article-No. 30595</p>		<p>STRUB Lubricating Oil M6 is a mineral oil raffinat with EP additive and stabile dispersants of MoS2 in colloidal form. It is easily mixable with mineral-, plant-, animal-, or synthetic oils. By applying STRUB Lubricating Oil M6 a MoS2 film will be formed on the surface which will take over the lubrication, should there be no oil, oil-film or should the oil-film break up. Sliding parts, which work most of the time in boundary lubrication, show an immediate reduction of wear and less friction is noticeable.</p>	<p>1l 5l 20l</p>







ADDITIONAL PRODUCTS

Additiv & Fuel	Specifications & Benefits	Application	Packaging sizes
 <p>AdBlue®</p> <p>Article-No. 32361</p>	<p>DIN 70070 / ISO 22241/ AUS 32</p>	<p>AdBlue® is a high purity, 32.5% urea solution directly injected into the exhaust gas where it serves as reducing agent. The released ammonia subsequently reacts with the nitric oxides on the catalyst to form elementary nitrogen and water; both are natural constituents of the air we breathe. Hence, the amount of nitric oxides in the emission can be reduced.</p> <p>AdBlue® is used as a NOx reducing agent for SCR (Selective Catalytic Reduction) of commercial vehicles and passenger cars, Euro 4 to Euro 6.</p>	<p>1l 10l 20l 200l 1000l up to a tank wagon</p>
 <p>STRUB BioFuel 2T</p> <p>Article-No. 30325</p>	<p>Swiss Norm SN 181 163</p> <p>Schwedennorm SS 1554 61</p> <p>tested from kwf</p>	<p>STRUB BioFuel 2T is a special fuel or machine fuel for lawn-mover, go-carts, motor saws and all kind of forestry and garden equipment.</p>	<p>5l 25l 200l up to a tank wagon</p>
 <p>STRUB BioFuel 4T</p> <p>Article-No. 30319</p>	<p>Swiss Norm SN 181 163</p> <p>Schwedennorm SS 1554 61</p> <p>tested from kwf</p>	<p>STRUB BioFuel 4T is a special fuel or machine fuel for lawn-mover, go-carts, boats and different kind of forestry and garden Equipment as well as four stroke engines. utperform the Swiss Norm SN 181 163 and Sweden Norm SS 1554 61 and tested from kwf</p>	<p>5l 25l 200l up to a tank wagon</p>









ADDITIONAL PRODUCTS

Sprays	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB HTP-Spray</p> <p>Article-No. 30824 400ml</p>		<p>High Temperature solid lubricant spray of modern art. Use as separation, lubrication and Assembly spray in the area of trams, industrial and plant engineering, automotive, iron and steel industry, cement industry for rings of rotary kilns, as well as for the entire maintenance in all industries.</p>	400ml
 <p>STRUB Multi Spray Protect DW 40</p> <p>Article-No. 30835 400ml</p>		<p>STRUB Multi Spray Protect DW 40 are used in the machine industry for tools, holders on production lines and as temporary corrosion protection for machined parts and moulds etc. suitable for precision mechanics, electronics, lock cylinders, sporting weapons, small appliances, household appliances, agriculture, leisure appliances, vehicle maintenance etc. as well as for the hobby sector (bikes, ski bindings, roller skates, inline skates etc.).</p>	400ml
 <p>STRUB Spray Silicone</p> <p>Article-No. 30690 500ml</p>		<p>STRUB Spry Silicone is a colourless lubricant on silicone oil basis. It is a preservative agent for all kinds of devices and materials. It acts as a release agent for all kinds of plas-tic parts productions.</p>	500ml
 <p>STRUB Triclean-Spray</p> <p>Article-No. 30689 500ml 31545 750ml</p>		<p>STRUB Triclean Spray is a transparent, colourless mixture made of different solvents with different polarities. It is recommended for degreasing and cleaning metal parts and can also be used as a brake cleaner. The increased pressure aerosol cleanses physically wearing particles.</p> <p>It removes brake dust, dirt, oil, grease, fuel residues, some resins, soot, carbon residues, dust, as well as, all impurities on metal, metal alloys and cloths (trial must be done on synthetic bases materials).</p>	500ml 750ml



ADDITIONAL PRODUCTS

Sprays	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Diamant CI-60</p> <p>Article-No. 31402 400ml</p>		<p>All-round lubricant for bolts, bushes, chains, hinges, etc. Works as an additional additive in lubricants as an antiseize to reduce friction on metal parts. Metal working, maintenance, wood, paper, plastic, automotive, aircraft, ship industry. Cutting, sawing, thread cutting, stamping, fine blanking, drawing, forming in all metals including high tensile steel and stainless steel.</p> <p>Corrosion protection (ASTM D 665 pass) for internal and sea transport (additional film protection is recommended).</p>	400ml
 <p>STRUB Universalspray Z</p> <p>Article-No. 30698 400ml</p>		<p>STRUB Universalspray is as lubricant spray with dry-running properties for suspension tracks, spindles, joints, shaping tools, stamping tools, small tools, bicycles and motorcycles and for general vehicle maintenance whenever a dry film of lubricants is required.</p> <p>Used temperatures after curing -180°C to +450°C.</p>	400ml
 <p>STRUB Grease Spray</p> <p>Article-No. 30691 400ml</p>		<p>Biodegradable grease, CEC-L33-A-93>90%, based on synthetic esters. The product leaves after spraying a good adhesive, tough Lubricating and grease film.</p> <p>Operating temperatures -20°C to 180°C.</p>	400ml
 <p>STRUB KSS Eco Spray</p> <p>Article-No. 30696 400ml</p>		<p>STRUB KSS-Eco Spray is a biodegradable adhesive lubricant based on special vegetable oils. Especially suitable for the lubrication of chains, gears, hinges, etc.</p> <p>Operating temperatures - 40°C to 250°C.</p>	400ml
 <p>STRUB Universal-Oil-Spray MoS₂</p> <p>Article-No. 30699 400ml</p>		<p>Oil Spray based on mineral oil and solid lubricant (MoS₂) for use on chains, joints, bolts, hinges, cables, leaf springs, lead screws and switches, etc</p> <p>Operating temperatures -20°C to 220°C.</p>	400ml
 <p>STRUB Monofer Spray</p> <p>Article-No. 30692 400ml</p>		<p>STRUB Monofer Spray is used as rust and screw loosener, penetration oil and creep oil. The Product contains colloidal graphite and molybdenum disulphide. Suitable for small appliances, household, agriculture, vehicle maintenance etc. as well as for hobby use (bikes, ski bindings, roller skates, inline skates etc.).</p>	400ml









ADDITIONAL PRODUCTS

Sprays	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB THC-T-K 300 Spray</p> <p>Article-No. 30697 400ml</p>		<p>Bright, user-friendly multipurpose grease with a novel composition of synergistic solid lubricants, filled as easy applicable aerosol.</p> <p>THC-T-K 300 Spray is biodegradable to CEC-L-33-A-93. Excellent for nearly all kinds of assembly works in all industrial fields: For the easy mounting of bearings. For the smooth unscrew of flange and bolted assemblies. For the prevention of initial wear on sliding bearings and raceways. For the lubrication of compressed air machines. For the lubrication of ejector pins in the plastics industry. For the lubrication of rotating jaw chuck (maintenance)</p>	400ml
 <p>STRUB Protect Spray</p> <p>Article-No. 30693 400ml</p>		<p>Fully-synthetic universal lubricating and corrosion protection Spray. Especially suitable for the maintenance of machines, cars, bikes, tools, gardening and households apertures. And it is an extraordinary good protection against marten and a CO2 release agent.</p> <p>Operating temperature is -30°C up to 150°C.</p>	400ml
 <p>STRUB Zink Spray</p> <p>Article-No. 30695 400ml</p>		<p>Microfine zinc powder coating in spray for temperatures of -40°C and +490°C</p>	400ml
 <p>STRUB Open Gear Lubricant Spray</p> <p>Article-No. 30700 500ml</p>		<p>STRUB Open Gear Lubricant Spray is a synthetic, excellent adhesive high-tech lubricant. Suitable for lubrication points that are exposed to water, salt water or the weather.</p> <p>STRUB Open Gear Lubricant Spray is used for the lubrication of gear, crown gear, gear racks, chains and crannyl. In addition, the product can be used for transmission of sewage treatment plants, in the yard, cement, construction and steel industry.</p>	500ml









ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 STRUB Auto Windshield Cleaner EF (60% VOC) Article-No. 30501 30798 Ready mixture		Winter and Summer Concentrate - 58°C STRUB Auto Windshield Cleaner EF is formulated to the latest windshield washer fluid specifications. It minimizes calcium deposits in the vessel. It removes dust, oil and fat derivatives, and also contains an anti-silicone additive, which day and night, provides a clean, clear windshield.	25l 200l 1000l
 STRUB Auto Windshield Cleaner Winter 400 (20% VOC) Article-No. 31500 31516 Ready mixture		STRUB Auto Windshield Cleaner Winter 400 is formulated to the latest windshield washer fluid specifications. It removes dust, oil and fat derivatives, and also contains an anti-silicone additive, which day and night, provides a clean, clear windshield.	25l 200l 1000l
 STRUB Auto Windshield Cleaner VOC-free (0% VOC) Article-No. 33562		Winter and Summer Concentrate with lemon fragrance. STRUB Auto Windshield Cleaner-VOC-free is formulated to the latest windshield washer fluid specifications. STRUB Auto Windshield Cleaner VOC-free suppresses or reduces the known limescale deposits in the tank. It removes dust, oil and fat derivatives.	25l 200l 1000l
 STRUB Monafix CL 602 Article-No. 30511		STRUB Monafix CL 602 is a modern alkaline detergent that will not etch metal surfaces, as is the case with acid cleaners. Strong alkaline cleaner for ferrous and aluminum surfaces of garages, rail and container traffic.	5l 25l 100l 200l
 STRUB Monafix Cockpit Clean Article-No. 30496		STRUB Monafix Cockpit Clean is a solvent-free, self-gloss plastic cleaner with antistatic and preserving effect. STRUB Monafix Cockpit Clean is physiologically safe and skin friendly. Cleans preserves and protects all plastic parts in the car and brings new shine and fresh smell in the cockpit. Regenerates the surface and has a dirt repellent. Applicable to all types of plastics, which by UV rays (sun), smoke, fumes be charged.	5l 25l 100l 200l 1000l
 STRUB Monafix Ecoclean 3000 Article-No. 30513		STRUB Monafix Ecoclean 3000 is a yellowish, washing-active industrial special cleaner developed according to the latest standards of ecology and economy. Biodegradable to OECD 301, environmentally friendly.	5l 25l 100l 200l 1000l




ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 STRUB Acetone Article-No. 30705		STRUB acetone is a low-boiling cleaning medium for the industry. It has no discoloration and is a clear colorless liquid with characteristic smell. Can be used as a solvent, cleaning fluid or as raw material for other chemical products.	5l 25l 60l 206l
 STRUB Industrial Alcohol Article-No. 30735		<p>STRUB Industrial Alcohol is suitable for the general cleaning of metal parts with very fast evaporation at the surface.</p> <p>STRUB Industrial Alcohol removes oils, greases, adhesives, tar, bitumen, dust and all common Impurities on machines and their parts. Biologically very degradable. (> 70%, OECD 302B). It finds most use in metalworking companies, car garages, locksmiths, electrical workshops of all kinds, etc. Wherever rapid, thorough and rapid drying cleaning is required.</p>	5l 25l 60l 206l
 STRUB Isopropanol Article-No. 30745		STRUB Isopropanol is a technically qualitative isomeric alcohol. It has no discoloration and is a clear colorless liquid with alcoholic odor. It can be used as a solvent, cleaning fluid or as raw material for other chemical products.	5l 25l 60l 206l
 STRUB Petrol D Odorless Article-No. 30684		STRUB Petrol D odorless is a specific fraction of crude oil with a flash point > 61°C. Suitable for electric or pressure recirculation. It removes oil, fat, tar, bitumen, dust as well as usual contamination on machines and their components.	5l 25l 60l 206l
 STRUB Silicone Remover A Article-No. 30749		<p>STRUB Silicone Remover A is a oil fraction mixture with a flashpoint of 0 ° C. The product is suitable for degreasing as well as Cleaning supplies.</p> <p>STRUB Silicone Remover A removes traces of silicone from various surfaces easily and quickly.</p>	5l 25l 60l 206l
 STRUB Cleaning Petrol technical Article-No. 30552		STRUB Cleaning Petrol technical is an aromatic free, complex mixture of n-, iso- and cyclo-Paraffins. It is a clear colorless liquid with a characteristic odor. Can be used as a solvent and cleaning fluid in the metal, printing, rubber and adhesives industries or used as a raw material for other chemical products.	5l 25l 60l 206l



ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Concrete Remover</p> <p>Article-No. 30547</p>		<p>STRUB Concrete Remover removes concrete remains, cement-, limescale and lime efflorescence as well as rust- and oxide layers on vehicles, machines, tiles, and tools fast and reliable. The product penetrates under the dirt and destroys the adhesion on the substrate. Dirt can be removed without much mechanical work. Fassades, washing concrete surfaces a joints get a clean high-contrast look.</p>	5l 25l 200l
 <p>STRUB Car Shampoo with Gloss Dryer</p> <p>Article-No. 30495</p>		<p>STRUB Car Shampoo with Gloss Dryer has an excellent surface wetting with excellent wetting and emulsifying properties at lowest concentrations. Low foam formation and excellent washability guarantee a perfect surface. STRUB Autoshampono with gloss dryer is gentle on paint and corrosion and contains no hydrocarbons. After the car wash, the water film withdraws evenly and leaves a shiny surface.</p>	5l 25l 200l
 <p>STRUB Rubber Cleaner</p> <p>Article-No. 30498</p>		<p>STRUB Rubber Cleaner is a self-glossy, antistatic and preservative cleaner. STRUB Rubber Cleaner is physiologically harmless and skin-friendly. Cleans, preserves and cares for all rubber parts, seals on the car and brings new shine. Regenerates the surface and is dirt-repellent. Applicable on all rubber parts, seals which are contaminated by UV rays (sun), smoke, vapours. For new and brittle rubber parts, seals inside and outside the car. Suitable for all new and used cars.</p>	5l 25l 200l
 <p>STRUB Oil System Cleaner 1200</p> <p>Article-No. 30563</p>		<p>STRUB Oil System Cleaner 1200 is a synthetic property soluble in mineral-oil, additive package, based on a synergy-effective High-tech Additive. These substances clean effectively the entire oil-system.</p> <p>Can be used in all entire oil circulation systems which have to be periodically purified from mineral, partially synthetic and PAO oils. For example: motors, hydraulic-, transmission, heat transport systems, and metal- machines. It has also proved itself in natural-gas, gas and marine engines. Especially suitable for flushing purposes.</p> <p>To be inserted directly before the last shift on an oil-change and left to take effect for at least 1 – 5 days. Normal production may continue without restrictions. Afterwards empty the system at normal operating temperature and refill with the fresh oil. The filter unit characteristic should measure less than 60 Micron so that large metal particles are kept from the system.</p>	1l 25l 60l 206l










ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 STRUB Monafix Ecostrip Article-No. 31628		<p>STRUB Monafix Ecostrip is a universal cleaner and acrylic remover for old gloss and dirt layers in industries, hospitals, restaurants, buildings and domestic homes etc.</p> <p>STRUB Monafix Ecostrip is suitable for all water-resistant hard floors and linoleum floors. STRUB Monafix Ecostrip is low foaming, and can be used also in vending machines for the cleaning.</p>	5l 25l 200l
 STRUB Monafix Motor Clean Article-No. 31905		<p>Concentrated cleaner for the garage, with very good wetting, cleaning and degreasing properties, specifically tailored to the new waste water regulations. Is especially suitable in use at wastewater treatment plants (split system, ultrafiltration plant and biology). Contains active ingredients that are readily biodegradable. STRUB Monafix Motor Clean is free of silicates and is not subject to VOC regulation.</p>	5l 25l 60l 200l
 STRUB Monafix Super Plus Article-No. 30073		<p>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.</p>	5l 25l 200l
 STRUB Powder Metal Cleaner Article-No. 32013		<p>STRUB Monafix Powder Metal Cleaner is a water-miscible injection and degreasing powder for all metals.</p> <p>Is used universally in manufacturing for steel, aluminum, nonferrous metals in spray and immersion systems. For cleaning and degreasing of cutting, non-cutting, honed, polished and grounded metal parts. STRUB Monafix Powder Metal Cleaner contains a corrosion protection (during cleaning process), so copper, zinc (zinc diecastig only limited), aluminum and magnesium will not be attacked.</p>	25kg Sack
 STRUB Monafix Rost off Article-No. 30599		<p>STRUB Monafix Rost Off is a strong, alkaline VOC-free cleaner in order to remove rust, oil, grease, street dust and iron oxides. Suitable for all vehicles where ordinary vehicle washing systems are not able to clean strong contaminated surfaces.</p>	5l 25l 200l







ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Monafix Steinex 100 Article-No. 31627</p>		STRUB Monafix Steinex 100 removes strong dirt and lime residues quickly and reliably. The product penetrates under the dirt and destroys the adhesion on the substrate. The dirt can then be removed without much mechanical work.	5l 25l 200l
 <p>STRUB Monafix Tarsol Article-No. 30151</p>		STRUB Monafix Tarsol is a VOC-free gel-like strong bitumen and asphalt solvent with short reaction time and very good adhesion properties. Stubborn dirt will be removed and emulsified; road dirt will be encapsulated. Afterwards the dirt can be easily rinsed off with a powerful jet of water. Application: Engines, chassis, construction machines, cranes, etc. It removes tar and bitumen stains, grease, wax, street dirt, etc.	25l 206l
 <p>STRUB Monafix T Spezial+ Article-No. 33382</p>		STRUB Monafix T Spezial is used in industry as a metal degreasing agent (immersion bath, spray process, etc.). It removes grease, oil, bitumen, road dust, etc. STRUB Monafix T Spezial is also suitable for tarpaulins and machines in the metal industry.	5l 25l 200l
 <p>STRUB Cleaning Agent Article-No. 30605</p>		Excellent solvent to clean of color, oil, grease, wax, tar, etc.	5l 25l 206l
 <p>STRUB Universal Diluting Agent Article-No. 30744</p>		STRUB Universal Diluting Agent is a modern paint thinner for all kind of colours, except two component colours.	5l 25l 206l
 <p>STRUB Tyre Care Article-No. 30895</p>		STRUB Tyre Care is suitable for all kinds of tires and bring back the true shade of black. Prolonged intensive care with color restoration for tires. Can be easily and quickly applied via spray bottle. STRUB Tyre Care apply concentrated. For strongly resist get weathered or faded by UV rays tires use more than once. Suitable for all tires.	5l 20l 200l
 <p>STRUB Animal Shampoo Bright Article-No. 30519</p>		Special animal shampoo, which can be used diluted or as a concentrate. The product has a lightening effect and leaves a slightly shiny, clean coat.	5l 25l







ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB TOBA 22</p> <p>Article-No. 30514</p>		<p>STRUB Toba 22 is suitable for the removal of lime in heat exchangers, boilers, water heater, for the removal of limescale in the boiler and much more. Does not attack metals, rubber and plastics. In closed circulation system with pump for appliances, installations, silumin, chrome, chrome nickel, copper, steel, cast iron, aluminium, tin and stainless steel. Not suitable for acid-resistant enamels and polystyrene.</p>	5l 25l 200l
 <p>STRUB TOBA 30V</p> <p>Article-No. 30515</p>		<p>STRUB Toba 30 V cleans, disinfects and removes lime deposits and stops further calcification of systems. It leaves a pleasant odour. For toilets, bathrooms, showers, WCs and swimming pools.</p>	5l 25l 200l
 <p>STRUB TOBA 40</p> <p>Article-No. 30516</p>		<p>STRUB Toba 40 is a cleaner made to remove scaling in heating transformer, travel heater, water pipes and other water heating devices.</p> <p>STRUB Toba 40 does not attack metal, rubber or plastic and is not foaming.</p>	1l 5l 25l 200l
 <p>STRUB Triclean Liquid</p> <p>Article-No. 30518</p>		<p>STRUB Triclean Liquid is a colourless mixture of solvents of different polarity. It is very suitable for degreasing and as a cleaning agent (mostly used as a brake cleaner).</p> <p>STRUB Triclean liquid removes dirt, oil and petrol residues, resins and soot deposits as well as all usual pollution on machines and their parts. STRUB Triclean liquid can be used on all metals. Very suitable as carburettor and brake cleaner.</p>	5l 25l 60l 206l



ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Circulating Cleaner 4000</p> <p>Article-No. 30673</p>		<p>STRUB Circulating Cleaner 4000 is a petroleum fraction mixture. In terms of cleaning power its largely replaced quickly flammable and highly explosive products such as gasoline, acetone, cleaning thinner, etc. STRUB Umlaufreiniger 4000 suitable for each circuit apparatus with electric or compressed air-circulation of the solvent. STRUB Umlaufreiniger 4000 removes oil, greases, tar, bitumen and dust as well as all the usual impurities on machines and their parts. It has a pleasant smell and is characterized by very long life.</p>	5l 25l 60l 206l 1000l
 <p>STRUB Circulating Cleaner 4100</p> <p>Article-No. 30674</p>		<p>STRUB Circulating Cleaner 4100 is VOC free cleaning fluid for Switzerland. It has no VOC taxes and makes a contribution to our environment. STRUB Circulating Cleaner 4100 suitable for each circuit apparatus with electric or compressed air-circulation of the solvent. STRUB Umlaufreiniger 4100 removes oil, greases, tar, bitumen and dust as well as all the usual impurities on machines and their parts. It has a pleasant smell and is characterized by very long life. Components could dry faster with pressure air for a faster further processing. STRUB Umlaufreiniger 4100 contents less as 0,1% aromatics and has no bad smell.</p>	5l 25l 60l 206l 1000l
 <p>STRUB Vetro Clean</p> <p>Article-No. 30506</p>		<p>STRUB Vetro Clean is a cleaning agent against grease, nicotine, soot, oil, insect residues and dirt deposits, especially on glass and all smooth surfaces like: Windows and frames, mirrors, glass tables, TV sets, PC screens, washbasins, tiles, extractor hoods, gas and electric cookers, kitchen appliances and furniture, plastic surfaces, doors and car windows.</p>	5l 25l 200l
 <p>STRUB Water Softener PVM</p> <p>Article-No. 30628</p>		<p>STRUB Water Softener PVM is used to prevent the formation of boiler scale and also to remove and dissolve sediments which are already formed. The cleaning process and prevention is occur in a natural or slightly alkaline medium. This eliminates corrosion problems, which often occur with the usual acid cleaning. STRUB Water softener PVM can be used universally for any temper in water.</p>	5l 25l 200l



ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 <p>Strubi Windshield Cleaner Summer -5°C</p> <p>Article-No. 32623</p>		Strubi Windshield Cleaner Summer -5°C is formulated to the latest windshield washer fluid specifications. It removes dust, oil and fat derivatives, and also contains an anti-silicone additive, which day and night, provides a clean, clear windshield.	2l
 <p>Strubi Windshield Cleaner Winter -20°C</p> <p>Article-No. 33341</p>		Strubi Windshield Cleaner Winter -20°C is formulated to the latest windshield washer fluid specifications. It removes dust, oil and fat derivatives, and also contains an anti-silicone additive, which day and night, provides a clean, clear windshield.	2l
 <p>Strubi Cockpit-Cleaner</p> <p>Article-No. 32750</p>		Strubi Cockpit Clean is a solvent-free, self-shining plastic cleaner with antistatic and preserving effect. He is physiologically harmless and kind to the skin. Cleans, preserves and cares for all plastic parts in the car and brings new shine and fresh fragrance into the cockpit. Regenerates the surface and is dirt-repellent. Applicable to all plastics that are exposed to UV rays (sun), smoke, vapors.	750ml
 <p>Strubi Rim Cleaner Power Color Plus</p> <p>Article-No. 33208</p>		Cleaner for rims with color indicator. Strong acid-free steel and aluminum rim cleaner. Easily removes even the most stubborn dirt, such as brake dust, flash rust, rubber abrasion, heavy oil encrustation and road dirt.	750ml
 <p>Strubi Glas Clean</p> <p>Article-No. 32534</p>		For window and glass surface cleaning, for 100% streak free and window clean surfaces. It effortlessly removes dirt and smudges, leaves one's mark etc., No application on aluminium, or washable surfaces like waxed or untreated Wood.	750ml
 <p>Strubi Insects-Cleaner</p> <p>Article-No. 33034</p>		Strubi Insects-Cleaner cleans powerfully and ensures streak-free cleanliness. The active protection provides better protection against new soiling. Strubi Insects-Cleaner is a cleaning agent against grease, nicotine, soot, oil, insect residue and dirt deposits, especially on glass and all smooth surfaces such as: Windows and frames, mirrors, glass tables, TV sets, PC screens, washbasins, tiles, extractor hoods, gas and electric cookers, kitchen appliances and furniture, plastic surfaces, doors and car windows. On painted or solvent-sensitive surfaces, the product may only be used in a form diluted with water.	750ml









ADDITIONAL PRODUCTS

Cleaner	Specifications & Benefits	Application	Packaging sizes
 <p>Strubi Tyre Shine</p> <p>Article-No. 32568</p>		Strubi Tyre Shine is to intensify the colour of your car tyres. Gives your tires a well maintained and new looking. Protects tires from premature aging and against weather influences. Forms a water-and stain-repellent finish. Protects against weather influences. Prolonged care-effect.	750ml
 <p>Strubi De-Icing Spray</p> <p>Article-No. 30497</p>		Quick de-icing of all windows, prevents immediate re-freezing	750ml
 <p>Strubi Steel and Aluminium Wheel Cleaner</p> <p>Article-No. 32533</p>		Strubi Steel and Aluminium Wheel Cleaner is a strong, ready to use cleaner for steel and aluminium wheels. Effortlessly removes even the toughest dirt like brake dust, rust films, rubber abrasion or tar deposits.	750ml
 <p>Strubi Universalreiniger</p> <p>Article-No. 32535</p>		Strubi Universal Cleaner for all water washable surfaces. Powerfully and thoroughly dissolves grease and dirt. Protects and enhances surface cleaning Hygiene, cleanliness, gloss and a pleasant, fresh orchid smell.	750ml
Hand Paste & Skin Protection	Specifications & Benefits	Application	Packaging sizes
 <p>LINDESA®</p> <p>Article-No. 30808 Lindesa F 30823 Hautschutzsalbe O/W 30688 1000ml Emulsion</p>		LINDESA® skin protection and skin preserve products consists partly of beeswax and are not soluble in water and in most inorganic solutions, that is why the low fatty quick drying LINDESA® skin protection are skin preserve cream does not only protect when working with weak polar organic solution, but also when using mild acids and alkaline solutions. LINDESA® is a cream with a wide application range and especially suited for the protection of the skin.	50ml 100ml 1000ml
 <p>STRUB Clean Bio 3000</p> <p>Article-No. 30949</p>		<p>STRUB Clean BIO 3000 a biodegradable hand cleaner developed with the latest research and development, is a safe, disinfecting hand cleaner with a fresh lemon aroma.</p> <p>STRUB Clean BIO 3000 works with the use of fine grained corn peel granules with no micro-injuries to the skin as with grains of sand, wood, or polyurethane abrasives.</p> <p>In conjunction with special soil removers and the spherical abrasive material exceptional cleaning results are achieved.</p>	30kg 10kg 3kg 500gr



SPECIAL PRODUCTS

Parting and release agent	Specifications & Benefits	Application	Packaging sizes
 STRUB Bitutrent Article-No. 30736		STRUB Bitutrent prevents the sticking of asphalt on the machines, loading areas of trucks and tools. It must be applied to these machines before using the machines and tools. In sawmills, the adhesion of wood resins and wood saws is suppressed.	20l 206l 1000l
 STRUB Sharosol 409 (VOC free) Article-No. 30045		STRUB Sharosol 409 is an universal chemical release agent for the construction in general-,specially formulated to give easy release of steel, plastic, thermoplastic and wood frames. Can also be used for ready mixt concrete lorry as protection before loading concrete. Economical Consumption: 60m ² - 90m ² /kg	20l 206l 1000l
 STRUB Sharosol 460 (VOC free) Article-No. 32628		STRUB Sharosol 460 is a concrete release agent for difficult site conditions. The agent produced on base of high – grade mineral oils. It is a concrete release agent with physical and chemical release characteristics. Consuming approx: ca. 30 - 40 m ² /kg	20l 206l 1000l
 STRUB Trenasol KOS 821 (with VOC) Article-No. 31471		STRUB Trenasol KOS 821 is an environmentally friendly concrete release agent for absorbent and non-absorbent formwork in precast factories and in building construction.	20l 206l 1000l

Sustainability






We are committed to a sustainable handling of raw materials.

Our comprehensive range of lubricants and technical cleaners for the construction industry offers a suitable solution for every area.








SPECIAL PRODUCTS

Parting and release agent	Specifications & Benefits	Application	Packaging sizes
biodegradable			
 <p>STRUB Sharosol 555</p> <p>Article-No. 32173</p>		<p>STRUB Sharosol 555 is an emulsion concrete release agent, that is ester based. For wood, steel, coated or plastic formwork (for example Holzco Doka) and hard panels.</p>	20l 206l 1000l
 <p>STRUB Sharosol 556</p> <p>Article-No. 33372</p>		<p>STRUB Sharosol 556 is a ready-to-use, aqueous concrete release agent emulsion for surfaces with low porosity based on regrowing raw materials. For steel, aluminium or plastic-modified formwork. The release agent emulsion is recommended for absorbent and non-absorbent formwork types, especially for vertical and horizontal applications. Pre-tests must be carried out for rubber formwork.</p>	20l 206l 1000l
 <p>STRUB Sharosol BIO 500</p> <p>Article-No. 30001</p>		<p>STRUB Sharosol BIO 500 is a concrete release agent with physical and chemical release characteristics.</p> <p>That successful product makes it possible to have clean, smooth, patch and without blowholes and abrasion concrete surfaces.</p> <p>Temperature Range: -6°C to +125°C Consumption: 1 Liter on approx. 65 - 85 m²</p>	20l 206l 1000l
 <p>STRUB Sharosol BIO 500 B</p> <p>Article-No. 31719</p>		<p>Wood, steel and coated or plastic-coated molds. Apply sparingly and evenly to dry pure and clean as possible shuttering. Unpolished (rough sawn sapwood-heartwood) wood formwork-unused should be soaked before using in concrete release agents. Remove from non-absorbent formwork with short sprayer and with rubber scraper.</p> <p>Temperature Range: -6°C to +135°C Consumption: 1 Liter on approx. 65 - 85 m²</p>	20l 206l 1000l
 <p>STRUB Sharosol BIO 500 Polar</p> <p>Article-No. 31571</p>		<p>For absorbent and non-absorbent formwork. Wood, steel and coated or plastic-modified formwork. In Winter the deeper pour point allows warehousing in unheated sheet metal containers.</p> <p>Temperature range: -30°C to +125°C Consumption: 1 liter on approx. 65 - 85 m²</p>	20l 206l 1000l








SPECIAL PRODUCTS

Mixer Protection	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Mirratol 422 (VOC free)</p> <p>Article-No. 30044</p>		<p>STRUB Mirratol 422 is a low viscous, water bright special oil with very good physical and chemical separation effect; not cold sensitive. Doesn't corrode metals and isn't aggressive to plastic and rubber.</p> <p>STRUB Mirratol 422 can also be used as spotless working concrete release agent for metal-, plastic- and wood shutters. Frost-proof up to - 20°C.</p>	20l 206l 1000l
 <p>STRUB Mirratol 455 (VOC free)</p> <p>Article-No. 30048</p>		<p>STRUB Mirratol 455 is especially suitable for mobile- and place concrete mixer, loading bridges, constructional systems, hutch, equipment, tools. STRUB Mirratol 455 low viscous, water clear special blended oil with very good physical and chemical release properties. Not sensitive to the cold with very good corrosion protection. It does not build residues or sticky sediments. It also does not attack plastic or metals.</p> <p>STRUB Mirratol 455 can also be used as non-staining concrete release agent for metal – wood – plastic formwork. Apply evenly, economically to the surface which has to be protected per spray gun. (60 m² – 90 m²/kg)</p>	20l 206l 1000l
 <p>STRUB Mirratol 490 (VOC free)</p> <p>Article-No. 30044</p>		<p>STRUB Mirratol 422 is a low viscous, water bright special oil with very good physical and chemical separation effect; not cold sensitive. Doesn't corrode metals and isn't aggressive to plastic and rubber.</p> <p>STRUB Mirratol 422 can also be used as spotless working concrete release agent for metal-, plastic- and wood shutters. (30 m² – 40 m²/Liter)</p>	20l 206l 1000l



SPECIAL PRODUCTS

Hammer Drill Oil	Specifications & Benefits	Application	Packaging sizes										
 <p>STRUB Vulcair</p> <p>Article-No.</p> <table border="1"> <tr><td>30917</td><td>ISO 32</td></tr> <tr><td>31243</td><td>ISO 46</td></tr> <tr><td>32040</td><td>ISO 68</td></tr> <tr><td>32041</td><td>ISO 100</td></tr> <tr><td>32042</td><td>ISO 220</td></tr> </table>	30917	ISO 32	31243	ISO 46	32040	ISO 68	32041	ISO 100	32042	ISO 220		<p>STRUB Vulcair Series Lubricants are premium quality high performance products primarily intended for the lubrication of pneumatically operated rock drills in underground and surface mining operations. STRUB Vulcair Series are formulated from high quality base stocks and additives, which provide excellent chemical stability and good protection against wear and corrosion.</p>	20l 60l 206l
30917	ISO 32												
31243	ISO 46												
32040	ISO 68												
32041	ISO 100												
32042	ISO 220												
 <p>STRUB Vulcair Synt 761</p> <p>Article-No.</p> <table border="1"> <tr><td>31512</td><td></td></tr> </table>	31512			<p>Low-viscosity, fully synthetic, biodegradable rotary hammer oil. At up to 3000 beats per minute, highly efficient lubrication and cooling of all moving parts is a prerequisite for trouble-free work. The formulation of STRUB Vulcair Synt 761 has been adapted to the latest findings.</p>	20l 60l 206l								
31512													
 <p>STRUB Vulcair Synt 818, 825, 540XL</p> <p>Article-No.</p> <table border="1"> <tr><td>31624</td><td>818</td></tr> <tr><td>30426</td><td>825</td></tr> <tr><td>30425</td><td>540XL</td></tr> </table>	31624	818	30426	825	30425	540XL		<p>Low-viscosity, fully synthetic, mineral oil-free hammer drill oils. STRUB Vulcair Synt binds moisture from compressed air. This prevents the formation of ice and the tools do not freeze. For lubrication of pneumatic tools, especially at low outside temperatures and high humidity. Suitable for Terra-Jet, Jet-Trac and so on. STRUB Vulcair Synt 540 XL+ for extra heavy compressed air equipment and working conditions.</p>	20l 60l 206l				
31624	818												
30426	825												
30425	540XL												
Chainsaw Oil	Specifications & Benefits	Application	Packaging sizes										
 <p>STRUB Biochain EP 68</p> <p>Article-No.</p> <table border="1"> <tr><td>30473</td><td></td></tr> </table>	30473			<p>STRUB Biochaine EP 68 is a biodegradable oil due to the use of specially treated high quality plant oils. It is used for chainsaws and woodworking equipment. Practical tests done by big forestries showed a first class performance with an extended sword and chain life.</p>	5l 20l 60l 206l								
30473													
 <p>STRUB Chainsaw Oil 2000</p> <p>Article-No.</p> <table border="1"> <tr><td>30259</td><td></td></tr> </table>	30259			<p>STRUB Chainsaw Oil 2000 is an advanced product for all makes of chainsaws.</p> <p>Because of specially selected additive combinations and an increased viscosity compared to the standard quality, Chainsaw Oil 2000 has good adhesion and good temperature characteristics for the desired lubrication properties.</p>	5l 20l 60l 206l								
30259													



SPECIAL PRODUCTS

Reciprocating Saw Oil	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Reciprocating Saw Oil BIO Article-No. 30474 ISO 68/100/150</p>		STRUB Reciprocating Saw Oil BIO for the central lubrication of sawmill machines based on vegetable oil (multi-purpose)	20l 60l 206l
 <p>STRUB Reciprocating Saw Oil EP Article-No. 30575 ISO 68 30946 ISO 150 30471 ISO 220 30576 ISO 320</p>		STRUB Reciprocating Saw Oil EP for the central lubrication of sawmill machines based on mineral oil	20l 60l 206l
 <p>STRUB Reciprocating Saw Oil EP S+W Summer/Winter Article-No. 30472 ISO 68/100/150</p>		STRUB Reciprocating Saw Oil S+W for the central lubrication of sawmill machines. (multi grade)	20l 60l 206l
Anti-Rust Protection Oil	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Vulcomet Protection Blue 1800 BF Article-No. 30612</p>	Preservative for agriculture	STRUB Vulcomet Protection Blue 1800 BF has also lubrication properties and can also be used where ordinary mineral oil must lubricate.	5l 20l 60l
Fork Oil	Specifications & Benefits	Application	Packaging sizes
 <p>STRUB Moto Fork Oil 5W, 20W/30 Article-No. 30767 5W 30768 20W/30</p>		STRUB Moto Fork Oil are premium lubricants for use in suspension forks, shock absorbers and monoshocks of motocross and road racing motorcycles.	5l 20l 60l 206l
 <p>STRUB Moto Fork Oil Synt 12 Article-No. 32352</p>		STRUB Moto Fork Oil Synt 12 is a synthetic premium-quality fork oil for fork and shock absorber systems.	5l 20l 60l 206l



PACKAGING SIZES

Liquids	Description	Base Unit Code	PU 1Piece	Pieces per Carton	Piece per pallet	Content
	Trigger Bottle nature Trigger Bottle black	TRI-750 TRI-750-SW		10 10	432 432	750ml 750ml
	Tin Bottle round 250ml Tin Bottle round 1000ml	FL250-STK FL-1000BLE		12 12	1440 432	250ml 1lt
	Engine Oil Bottle Siepe 1lt Engine Oil Bottle Siepe 5lt	SIEPE-1 SIEPE-5		12 4	324 108	1lt 5lt
	Petrol Can 5lt red Petrol Can 5lt blue Petrol Can 25lt red Petrol Can 25lt blue	BK-5.R BK-5.B BK-25.R BK-25.B			144 144 24 24	5lt 5lt 25lt 25lt
	4-Edges Tin Can 5lt	BKA-5		4	126	5lt
	Adblue	KKA-10-ADBL KKA-20-ADBL			24 60	10lt 20lt
	Stackable Canister 20lt nature Stackable Canister 10lt nature Stackable Canister 5lt nature	KKA-20 KKA-10 KKA-05			24 60 144	20lt 10lt 5lt
	Tin Drum 30lt black	BT-30DOT4 BT-30DOT51			16	30lt
	Tin-Tonnelet Strub black/yellow 60lt Tin-Tonnelet black 60lt	TO-60S/G TO-60S			12 12	60lt 60lt
	Plastic Drum 200lt blue	KF-200BLAU			2	200lt
	Tin Drum Strub black/yellow 206lt Tin Drum blue 206lt Tin Drum green 206lt	BF-200S/G BF-200BLAU BF-200GRN			2 2 2	206lt 206lt 206lt
	Plastic IBC 1000lt Adblue	PC-1000 PC-ADB	1 1			1000lt 1000lt



PACKAGING SIZES

Grease & Pastes	Description	Base Unit Code	PU 1Piece	Pieces per Carton	Piece per pallet	Content
	PP-Tube 250ml Brush Can 250ml	PP-TU250 PIDO-250		12 12	576 540	250gr 250gr
	Grease Cartridge 400ml Lube-Shuttle 400ml	PAT-400ST PAT-400VD PAT-400N PAT-SHUT		12 12 12 12	960 960 960 960	400gr 400gr 400gr 400gr
	PE-Wedge-Bottomed Tube 250ml PE-Can 500ml	TU-500 KDO-500WE		12 12	900 288	450gr 450gr
	PE-Can 1000ml	KDO-1000WE		12	288	1kg
	Wide-necked box 3000ml Ø 148mm h= 239mm	WD-3	1		120	3kg
	Tinplate Bucket 6lt zyl. Ø 200mm h= 205mm	BKE-5	1		72	5kg
	Plastic Bucket 13,6lt Ø 290mm h= 225mm	KKE-12JET	1		18	10kg
	Tin Bucket black 25lt zyl. Ø 300mm h= 398mm	BKE-25	1		18	22kg
	Plastic Bucket 30lt conical Ø 350mm h= 390mm	KKE-30 HY	1		18	30kg
	Grease Tonnelet black 60lt Ø 360mm h= 630mm	FT-S	1		12	50kg
	Grease Tonnelet blue 200lt Ø 585mm h= 880mm	FF-B	1		2	180kg

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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