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## All sprays at a glance. Find the right spray for your application

Sprays from Klüber Lubrication make operational and maintenance lubrication easier, in practically all industries.

Speciality lubricants from Klüber Lubrication	Description	Application													Advantages/Benefits			
		Valves and fittings	Screws and bolts	Seals	Electrical contacts	Springs	Threaded spindles/spindles	Plain bearings, guides	Chains	Metalworking	Assembly	Maintenance, protection, separation	Cleaning	Ropes, Bowden cables		Rolling bearings	Gearwheels/gears	
<b>Lubricating oils</b>	<b>HOTEMP 2000 Spray</b>	Adhesive, fully synthetic high-temperature chain oil																Highly viscous, fully synthetic oil for high temperatures, good adhesion to friction points; good creeping properties; resistant to centrifuging; insoluble in water, good wash-off resistance.
	<b>Klüberalfa YM 3-30 Spray</b>	Spray for electrical contacts and assembly																Non-flammable lubricating fluid; easy application; high ageing resistance; resistant to most chemicals for longer lubrication intervals; neutral towards most plastics and elastomers.
	<b>Klüberfood NH1 4-002 Spray</b>	Water-displacing fluid for the food and pharmaceutical industries																Based on special oils which are neutral in odour and taste. Good creeping and water-displacing properties.
	<b>Klüberfood NH1 4-220 N Spray</b>	Synthetic lubricating oil for the food and pharmaceutical industries																Fully synthetic, multi-purpose chain oil, NSF H1-registered. The good viscosity-temperature behaviour supports the formation of a sufficient lubricating film both at low and high temperatures.
	<b>Klüberfood NH1 CH 2-220 Spray</b>	High-temperature chain oil for the food and pharmaceutical industries																High-temperature chain oil spray, NSF H1-registered. Enables reduction of oil consumption and extension of chain life.
	<b>Klüberoil CM 1-220 Spray</b>	Universal chain oil																Good corrosion protection of chains even when exposed to humidity; good creeping properties; reduces lubricant consumption; clean application; good protection against chain wear; extended chain life and relubrication intervals; cost reduction in maintenance and spare parts.
	<b>Klüberoil 4 UH1-15 Spray</b>	Low-viscosity chain oil for the food and pharmaceutical industries																NSF H1-registered lubricant; suitable for low temperatures. Protects against corrosion. Good creeping properties make disassembly of components easier and reduce downtime.
	<b>Klüberoil 4 UH1-1500 N Spray</b>	Highly viscous lubricating oil for the food and pharmaceutical industries																Synthetic gear and multi-purpose oil, NSF H1-registered. The good viscosity-temperature behaviour supports the formation of a sufficient lubricating film, even when exposed to high temperatures. Very good wear protection for both the gear teeth and the rolling bearings.
	<b>Klübersynth CH 2-100 N Spray</b>	High-temperature chain oil																Good wear protection; high pressure absorption capacity, low evaporation losses at high temperatures ensure lower lubricant consumption; compatible with paints, therefore also suitable for use in the automotive industry.
	<b>KONTASYNTH BA 100 Spray</b>	Contact spray																For thin-film lubrication of electrical contacts; easy application; high ageing stability; wide service temperature range; contains a special base oil and is free from solvents, thus compatible with most plastics and elastomers; used in the automotive industry to protect against creaking noise (e.g. leather/leather).
	<b>MOLYBKOMBIN M 5 Spray</b>	Solid lubricant suspension in mineral oils																Reduces friction and wear; good emergency lubricating properties and improved running-in with molybdenum disulfide.
	<b>MOLYBKOMBIN UMF Spray</b>	Molybdenum disulfide in synthetic high-temperature oil																Extended relubrication intervals for lubrication points which are difficult to access; improves running-in processes; protects against seizure and wear; ensures non-destructive disassembly of screws and other fasteners.
	<b>PARALIQ P 40 Spray</b>	Lubricating oil for the food and pharmaceutical industries																Lubricating oil based on medically pure special oils which are neutral in odour and taste acc. to the European Pharmacopoeia (medical white oil; NSF H1-registered).
	<b>PARALIQ 91 Spray</b>	Synthetic lubricating oil for the food and pharmaceutical industries																Neutral in odour and taste; NSF H1 and NSF 3H-registered; defined as accessory agent according to the German food regulations (LMBG), therefore especially suitable for baking tins and moulds in the food industry.
	<b>POLYLUB HVT 50 A Spray</b>	Adhesive lubricant																Very viscous, permanently elastic, adhesive lubricant with good noise-damping properties.
	<b>QUIETSCH-EX Spray</b>	Universal fluid																Low-viscous universal fluid; can be used as lubricating oil, penetrating oil, rust remover, rust protecting agent, cleaning oil or cutting oil; prevents freezing of locks, cables, car doors, gates etc.
	<b>STRUCTOVIS BHD Spray</b>	Special lubricant based on mineral oil																Highly-viscous chain lubricant with good wear and corrosion protection; very adhesive, thus reducing considerably the risk of contamination due to oil leakage, especially at high chain speeds.
	<b>STRUCTOVIS FHD Spray</b>	Mineral oil based special lubricant																Chain lubricant offering very good protection against wear and corrosion as well as good penetrating properties. Longer relubrication intervals and lower lubricant consumption due to very good wear protection, enabling the reduction of downtime.
	<b>Klüberfluid NH1 CM 4-100 Spray</b>	Semi-dry lubricant offering very good adhesion and H1 registration																Fully synthetic oil with PTFE solid lubricants. Very good stability for lower lubricant quantities and a lower contamination risk for your product. Universal applications in numerous industries.
	<b>Klüberstop P 39-462 Spray</b>	Paint for inspecting the contact pattern on tooth flanks																Inspection of contact patterns on gear tooth flanks also with synthetic lubricants. Intense blue for a distinct contrast. Good adhesion for inspection over an extended period of time.
	<b>Klüber Degrippant NH1 Spray</b>	H1-registered penetrating oil for the food, beverage and packaging industries																Versatile spray for unlocking rusted parts, repelling water and protection against corrosion. NSF H1-registered spray reduces risk of food contamination.
	<b>UNISILKON M 2000 Spray</b>	Silicone spray																Sliding and release agent for lubrication points subject to low loads; non-greasy; efficient surface protection, prevents sticking, residue formation and nozzle clogging; also suitable for demoulding processes of rubber and plastic.



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<b>Lubricating greases</b>	<b>GRAFLOSCON CA ULTRA Spray</b>	Adhesive lubricant containing graphite																Easy spray application. Preferably used for checking the dynamic load-carrying pattern.
	<b>GRAFLOSCON CA 901 ULTRA Spray</b>	Adhesive lubricant containing graphite, very good EP properties																Extremely adhesive and pressure-resistant. Easy spray application; also suitable for checking the dynamic load-carrying pattern.
	<b>ISOFLEX TOPAS L 32 N Spray</b>	Special low-temperature grease																Resistant to ageing, oxidation and water; good corrosion protection; contains UV indicator which facilitates quality checks even with minimum quantity lubrication. Prevents creaking noise. Approved by many car manufacturers.
	<b>ISOFLEX TOPAS NB 52 Spray</b>	Synthetic grease for rolling and plain bearings																Increases component life under the influence of water or aqueous media with its special thickener.
	<b>Klüberfood NH1 14-222 Spray</b>	Universal lubricating grease for the food industry																Good water resistance and corrosion protection, therefore particularly suitable for applications subject to humidity. Extended relubrication intervals due to good wear protection. NSF H1-registered product.
	<b>Klüberplex AG 11-462 Spray</b>	High-performance lubricating grease for the lubrication of open drives and low-speed rolling and plain bearings																Less contamination of machine environment due to use of white solid lubricating particles and very good adhesion. Its versatile use, also when exposed to seawater or high loads, allows product streamlining.
	<b>Klüberplex BE 11-462 Spray</b>	Lubricating grease for lube points subject to high loads																Good wear protection and pressure-absorption capacity, therefore suitable for lubrication points subject to high loads; adhesive; water resistant; wide service temperature range; good corrosion protection. Multi-purpose grease for the base materials industry.
	<b>MICROLUBE GL 261 Spray</b>	Special lubricating grease protecting against tribo-corrosion																Increases component life with a special ingredient combination, especially in the presence of boundary friction, vibrations and micro-movements. Prevents tribo-corrosion.
	<b>STABURAGS NBU 30 PTM Spray</b>	Lubricating and assembly grease																Assembly grease protecting against tribo-corrosion; very good water resistance for outdoor applications and/or applications in wet environments; the product is suitable for use in water and hot water fittings.
<b>Lubricating and assembly pastes</b>	<b>ALTEMP Q NB 50 Spray</b>	Lubricating and assembly paste															Besides its universal application as assembly paste, this metal-free product offers particular benefits for friction points subject to minimum sliding movements and high static and dynamic loads; prevents stick-slip and fretting corrosion, high pressure-absorption capacity.	
	<b>Klüberpaste UH1 96-402 Spray</b>	High-temperature paste for the food-processing and pharmaceutical industries															Contains fully synthetic base oils and a special blend of ceramic solid lubricating particles. At temperatures up to approx. 160 °C, it is a water-resistant lubricating and assembly paste providing good adhesion on metals. Under permanently high temperatures up to 1200 °C, its solid lubricating particles remain in the friction contact and protect e.g. fits against tribo-corrosion or fretting corrosion. The product is registered as NSF H1.	
	<b>UNIMOLY HTC METALLIC Spray</b>	High-temperature paste containing graphite and metal															This spray paste ensures easy disassembly, also following high temperature impact; prevents stick-slip.	
	<b>UNIMOLY PA Spray</b>	Highly concentrated molybdenum disulfide spray paste															Special mixture of solid lubricants protecting against running-in damage and seizure or rattling noise of slideways.	
	<b>WOLFRACOAT C Spray</b>	High-temperature lubricating paste															Good separation and lubrication of power-locking connections subject to static friction; good lubrication of friction points subject to sliding, rolling or combined sliding and rolling friction, better sliding characteristics for easy assembly of press and transition fits; non-destructive disassembly of power-locking connectors.	
	<b>WOLFRAKOTE SSP Spray</b>	Lubricating, assembly and screw paste															Protection against surface fretting at high temperatures.	
<b>Corrosion protection / rust removal</b>	<b>CONTRAKOR FLUID H1 Spray</b>	Thin-bodied universal fluid															Corrosion protection with long-term effect; dissolves rust and oxide layers; good lubrication effect for better sliding; low base oil viscosity for good distribution; good penetration of small lubrication gaps; displaces moisture and humidity; cleans, maintains and protects metallically blank surfaces and electric contacts.	
	<b>Klüberbio Z 2-5 Spray</b>	Rapidly biodegradable rust remover															Fully synthetic, rapidly biodegradable rust-removing agent; for components subject to rust or heavy rust; fluid spreads quickly and penetrates the surface; no gum formation; parallel cleaning and lubrication; very good corrosion protection.	
	<b>Klüberfood NH1 K 32 Spray</b>	Anticorrosion lubricant for the food and pharmaceutical industries															Grease-like corrosion protection agent registered as NSF H1 for good corrosion protection.	
	<b>Klüberynth MZ 14-17 Spray</b>	Lubricating and anticorrosion oil with good low-temperature properties															Good low-temperature behaviour for smooth running at low temperatures; good corrosion protection, also under the influence of salt water; good wear protection.	
<b>Dry lubricants</b>	<b>FLUOROPAN T 20 Spray</b>	Air-drying bonded coating based on PTFE															Dry separating and lubricating agent for various industries; quick air drying; very low friction coefficient; prevents stick-slip.	
	<b>MOLYBKOMBIN UMF T4 Spray</b>	Air-drying bonded coating based on molybdenum disulfide															Dry lubrication largely prevents contamination; especially for the lubrication of threaded spindles in stenter frames; has also proven successful as assembly aid; good adhesion to clean metal surfaces; good resistance to pressure; for pins and bushings in die-casting moulds.	
	<b>SYNTHESE W Spray</b>	Rust-preventive, separating and lubricating wax															Versatile product, can be applied in very fine layers; no silicone-containing raw materials used for production; forms a salt-water resistant protective film after drying.	
	<b>UNIMOLY C 220 Spray</b>	Air-drying bonded coating based on molybdenum disulfide															Highly stressable dry surfaces; low friction coefficients at high surface pressure; levelling of surfaces when running in at high loads; no outgassing under vacuum; dry surfaces in steel forming, making degreasing unnecessary; can be used for materials tending to cold welding (e.g. stainless steel nuts and bolts).	
<b>Cleaning agent</b>	<b>Klüberfood NK 1 Z 8-001 Spray</b>	Surface cleaning and degreasing agent for the food and pharmaceutical industries														Surface cleaner for applications in the food-processing and pharmaceutical industries with NSF K1 and NSF K3 registration. Based on an organic solvent, it removes oil, grease, wax and resin residues quickly and thoroughly.		
<b>Lubricant foam</b>	<b>Klüberynth NH1 4-68 Foam-Spray</b>	Oil foam spray														Highly adhesive foam lubricant for little dripping, reduced overspray and easy visual inspection of wetting pattern, for both concentrated and large-scale application. Particularly suitable for service and maintenance work.		

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