Special lubricants in spray cans
Spraying also possible while spray can is held upside down
Large-scale spray application without spray tube
Spray tube allows accurate spray application

BECHEM High-Lub SW 2 Spray

Korrosions- und Verschleißschutz / Corrosion and wear protection

400 ml
Special lubricants for machines, tools, automotive and marine applications

BECHEM – Lubrication solutions for industry

As the oldest German manufacturer of industrial lubricants, BECHEM today is one of the leading producers of high-quality special lubricants and metal working fluids.

BECHEM products convince by innovative formulations in the most diverse of industrial applications – in machining and forming metal working processes, in coating technology and as for-life lubricants in various technical components.

A strong network of distributors and several national and international production sites ensure that BECHEM products are readily available worldwide.

**Tomorrow’s technologies. Today.**
Lubricating greases

For demanding application fields in automotive engineering, the food industry and mechanical and plant engineering, or for the harsh conditions in the heavy industry, BECHEM offers the industrial user a high quality assortment of lubricating greases for a wide variety of tribological issues. These range from high-performance, high and low temperature lubricating greases to heavy-duty greases and extend to lifetime lubricants for automotive applications.

Developed in accordance with the latest findings in the field of tribology, BECHEM lubricating greases offer convincing advantages relative to friction, wear and lubrication, as well as economical and ecological optimization of processes.

Berulub FR 43 Spray

Sliding and damping lubricant for automotive interior applications, minimizes friction and wear, excellent low-temperature behaviour, resistant to water and oxidation, prevents stick-slip, noise damping, contains PTFE

Berulub FG-H 2 EP Spray

Universal synthetic high-performance lubricant, high load-carrying capacity, excellent protection against corrosion, good adhesion and sealing effect, resistant to cold and hot water, resistant to ageing, ideal e.g. for grease lubricated machine elements in the food processing industry, H1-registered, halal and kosher certified, certified according to ISO 21469
BECHEM High-Lub SW 2 Spray

Protection against corrosion and wear, leaves a thin lubricating film after evaporation of the solvent, excellent corrosion protection even under open-air conditions and sea water atmosphere, excellent adhesion, contains EP-additives, e.g. for cam discs, threaded spindles, wire ropes

Berulit GA 2500 Spray

Universal lubricant for extreme frictional stress, excellent adhesion, suitable for high temperatures and high pressures, reduces wear and noise generation of machine parts, e.g. for wire ropes, gear rims, open gears
Lubricating oils

Whether technical food grade lubricating oils, rust removers or noise damping media – BECHEM offers a high-performance lubricating oil product line in spray cans for a wide range of industrial applications. The products, equipped with modern spray heads, enable particularly easy and safe handling.

The products developed by BECHEM for demanding applications comply with the standards and meet the requirements that are imposed on modern lubricants. BECHEM also offers convincing advantages in highly specialized automotive applications with a spray can product line that faultlessly minimizes friction, wear, and interfering noise.

**Berulub W+B Spray**
Multifunctional spray to lubricate precision mechanisms, e.g. in the food processing and beverage industry, neutral in smell and taste, high creeping capacity, water repellent, protection against corrosion, dirt and rust solvent, H1-registered, halal certified

**BECHEM Fluid W 68-3H Spray**
Release and lubricating agent for direct food contact, neutral in smell and taste, good corrosion protection, free from animal, genetically modified ingredients and nut oils, 3H-registered

**Berulub ND-Spray**
Synthetic noise damping spray to eliminate creaking and squeaking noises inside vehicles, transparent, well suitable for application in the visible area, good plastic and elastomer compatibility
Multifunctional spray, suitable as rust solvent, creeping oil, lubricant, corrosion protection and cleaner in one product, penetrates and dissolves rust, eliminates humidity, dissolves oil incrustation

Multifunctional spray, suitable as rust solvent, creeping oil, lubricant, corrosion protection and cleaner in one product, penetrates and dissolves rust, eliminates humidity, dissolves oil incrustation

Multifunctional rust solvent developed especially for the food industry, penetrates and dissolves rust, excellent creeping properties, good lubricating and anti-corrosion properties, no resinification, H1-registered, halal certified

BECHEM lubricants for the food and pharmaceutical sectors meet the strict specifications of the internationally active organization for product tests and product certifications, NSF International. In addition, several products are Halal and Kosher certified.
Lubricating oils

Drive chains and conveyor chains are highly stressed components, which are often under permanent load in multi-shift operation. BECHEM high-performance chain oils convince in these demanding processes through high production reliability without extensive maintenance effort. The outstanding protection against corrosion and wear is particularly impressive when mixed friction occurs.

Relative to oil structure and additives, BECHEM chain oils are tailored to the specific application conditions. Due to polar properties they have an extremely high adhesive capacity that when dosed correctly prevents dripping and centrifuging of the oil. In conjunction with the excellent moistening and creeping capacities they are very economical in application.
Berusynth CP 80 Spray
Solvent containing chain oil for high-speed, power transmitting drives, excellent adhesion, good creeping capacity, dry running properties based on solid lubricant MoS₂, best wash-out stability, good protection against corrosion and wear, noise damping

Berusynth H1 Spray
Solvent free, synthetic chain and adhesive lubricant for equipment in the food, animal feed and pharmaceutical industry, reliable protection against corrosion and wear, high load-carrying capacity, good penetration properties, H1-registered, halal certified

Berusynth 1000 H1 Spray
Synthetic high-performance chain and adhesive lubricant for equipment in the food, animal feed and pharmaceutical industry, high load-carrying capacity, good penetration properties, H1-registered, halal certified

Berusynth CB 180 H1 Spray
Synthetic high-performance chain oil, optimised for the use in baking and drying oven, good adhesion, good protection against corrosion and wear, excellent wetting and penetration capability, water resistant, H1-registered, halal and kosher certified, certified according to ISO 21469

Berusynth CU 250 Spray
Universal synthetic high-performance chain oil, for high temperatures, good adhesion, very good lubricating properties, good protection against corrosion and wear, excellent wetting and penetration capability, water resistant, H2-registered

Berusynth CU 3000 Spray
Synthetic high-performance chain oil, optimised for drives of furnaces, dampers and sterilisers, excellent protection against corrosion and wear, extremely adhesive, no centrifuging, best wash-out stability, good penetration capability, prevents stick-slip
Lubricating oils

The spray can product range developed by BECHEM ranges from high-quality, mineral-oil based products to extremely high performance synthetic oils, which in addition to extended re-lubrication intervals and reduced downtime, often also contribute towards reducing the diversity of varieties and thus costs.

In addition to application consulting and lubricant management, the technical service can also include regular inspections, sampling and analysis of lubricant samples or execution of running-in processes.

Berulit Gear Spray

Adhesive lubricant and preserving agent for open gears and sliding surfaces, water resistant and water repellent, excellent adhesion even under strong influence of water, good protection against corrosion and wear, high load-carrying capacity.

The rope dressing Beruprotect Rope Spray is excellently suited for dusty environments, as it prevents the caking of contamination through formation of a semi-dry, non-stick surface.
**Beruprotect Rope Spray**

Maintenance and anti-corrosion agent for wire ropes, excellent wetting and creeping properties, longlife corrosion protection, no resinification, excellent adhesion, economical

**Beruprotect Spray**

Waxy corrosion protection film for longlife conservation of machines and metal components, excellent protection against corrosion even in case of contact with salt water, excellent adhesion

**Berusil P 140 Spray**

Lubricant, release, assembly and maintenance product for the food and pharmaceutical industry, neutral in smell and taste, colourless, clear liquid, excellent release effect, highly resistant to hot water and water steam, very good dielectric values, H1-registered, halal certified
Cleaners

In the metalworking industry, cleaning workpieces and semi-finished products is an important work step, since deficient or incorrect cleaning often results in considerable production defects and production faults. With the Beruclean series BECHEM offers high-performance products for residue-free cleaning of any process fluids in the metalworking sector.

**Beruclean H1 Spray**
Degreasing and brake cleaning agent, removes all types of oil and grease contaminations as well as not yet hardened paints and coatings, residue-free evaporation, H1-registered

**Anti-friction coatings**

Anti-friction coatings are touch dry lubricant solutions which have been developed for specific applications with the aid of latest technologies. With state-of-the-art test devices for every application area, friction and wear or anti-squeak properties are determined. This gives the user the security that with the BECHEM anti-friction coatings he is always using products that are optimally tailored to the specific requirement.

**Berucoat AF 438 Spray**
Anorganic anti-friction coating for friction partners of metal, air drying, pressure resistant, contains anti-friction lacquer for metal tribological pairings, air-dry, pressure resistant, contains microfine solid lubricants, adheres to smooth surfaces, does not absorb dust or dirt

Berucoat AF 438 Spray is a friction-reducing and extremely resilient anti-friction coating that is used with preference on metallic surfaces.
Pastes

Since, compared to lubricating greases pastes have a significantly higher portion of solid lubricants and thickeners, they are particularly well-suited for applications where extremely high pressures and extremely high temperatures prevail. Thus as antiseize agent for various assembly applications and as release agents pastes can effectively counteract the danger of fretting corrosion.

Berulub VPN 13 Spray

Universal high-temperature and antiseize paste with high copper content, prevents seizure, fretting caused by high temperatures, service temperature up to +1150 °C, good protection against corrosion e.g. for screwed and plug connections, valves, slides

Beruglide Spray

Synthetic anti-squeak paste to eliminate disturbing noises (creaking, squeaking) in automotive interior and exterior applications, excellent release and sliding effect by PTFE, excellent noise damping, good plastic and elastomer compatibility, H1-registered

Berulub Palfluid Spray

Special paste for the lubrication of highly stressed plastic sliding elements (e.g. telescopic booms of mobile cranes), machinery and industrial kitchen equipment, friction partners non-ferrous metals/non-ferrous metals, metals/elastomers and plastic/plastic, good adhesion, contains PTFE

For service, maintenance, and assembly, BECHEM offers a sophisticated product range of lubrication products. Please contact your BECHEM partner for more information.
### Technical data

<table>
<thead>
<tr>
<th>SPRAY CAN 400 ML*</th>
<th>Base oil</th>
<th>Thickener</th>
<th>Base oil viscosity [mm²/s] at 40°C</th>
<th>Working temperature range [°C]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berulub FR 43 Spray</td>
<td>Polyalphaolefin (PAO)</td>
<td>Special lithium soap</td>
<td>32</td>
<td>-50</td>
</tr>
<tr>
<td>Berulub ND Spray (100 ml)</td>
<td>Perfluoropolyether (PFPE)</td>
<td>-</td>
<td>160</td>
<td>-40</td>
</tr>
<tr>
<td>Berulub W + B Spray</td>
<td>Med. white oil</td>
<td>-</td>
<td>70</td>
<td>-</td>
</tr>
<tr>
<td>BECHEM High-Lub SW 2 Spray</td>
<td>Mineral oil</td>
<td>Special calcium soap</td>
<td>100</td>
<td>-25</td>
</tr>
<tr>
<td>Berulit GA 2500 Spray (500 ml)</td>
<td>Mineral oil / synthetic oil</td>
<td>Aluminum complex soap</td>
<td>2500</td>
<td>-20</td>
</tr>
<tr>
<td>Beruclean H1 Spray</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Berusynth H1 Spray</td>
<td>Polyalphaolefin (PAO)</td>
<td>-</td>
<td>100</td>
<td>-50</td>
</tr>
<tr>
<td>Berusynth CU 250 Spray</td>
<td>Ester</td>
<td>-</td>
<td>250</td>
<td>-</td>
</tr>
<tr>
<td>Berusil P 140 Spray</td>
<td>Silicon oil</td>
<td>-</td>
<td>260</td>
<td>-40</td>
</tr>
<tr>
<td>Berusynth CP 80 Spray</td>
<td>Mineral oil/ester</td>
<td>-</td>
<td>-</td>
<td>-15</td>
</tr>
<tr>
<td>Beruglide Spray (100 ml)</td>
<td>Perfluoropolyether (PFPE)</td>
<td>Polytetrafluoroethylene (PTFE)</td>
<td>160</td>
<td>-40</td>
</tr>
<tr>
<td>Berulub VPN 13 Spray</td>
<td>Polyglykol</td>
<td>Bentonite</td>
<td>370</td>
<td>-30</td>
</tr>
<tr>
<td>Berulub GD 30 Spray</td>
<td>Mineral oil</td>
<td>-</td>
<td>-</td>
<td>-30</td>
</tr>
<tr>
<td>Berusynth 1000 H1 Spray</td>
<td>Polyalphaolefin (PAO)</td>
<td>-</td>
<td>1000</td>
<td>-30</td>
</tr>
<tr>
<td>Berulub GD 50 H1 Spray</td>
<td>Med. white oil</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Berucoat AF 438 Spray</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-180</td>
</tr>
<tr>
<td>Beruprotect Spray</td>
<td>Mineral oil</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Berusynth CU 3000 Spray</td>
<td>Ester</td>
<td>-</td>
<td>3000</td>
<td>-15</td>
</tr>
<tr>
<td>Berulub ECO GD 40 Spray</td>
<td>Ester</td>
<td>-</td>
<td>-</td>
<td>-30</td>
</tr>
<tr>
<td>Berulit Gear Spray</td>
<td>Mineral oil</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Beruprotect Rope Spray</td>
<td>Mineral oil</td>
<td>-</td>
<td>-</td>
<td>9</td>
</tr>
<tr>
<td>BECHEM Fluid W 68-3H Spray</td>
<td>Med. white oil</td>
<td>Special calcium complex soap</td>
<td>150</td>
<td>-40</td>
</tr>
<tr>
<td>Berulub FG-H 2 EP Spray</td>
<td>Polyalphaolefin (PAO)</td>
<td>Polytetrafluoroethylene (PTFE)</td>
<td>5000</td>
<td>-20</td>
</tr>
<tr>
<td>Berusynth CB 180 H1 Spray</td>
<td>Ester</td>
<td>-</td>
<td>180</td>
<td>-40</td>
</tr>
</tbody>
</table>

All indications and values correspond to latest knowledge and do not represent any product specification.

*100 ml: Berulub ND Spray, Beruglide Spray / 500 ml: Berulit GA 2500 Spray
High quality lubricants are indispensable products which are worth their investment, they are winners of prestigious awards – by making a decisive contribution to performance, energy efficiency and sustainability of products and processes.

Awarded – BECHEM lubricants

Award for Berufluid – a joint project with Fraunhofer Institute IVV and IWF Braunschweig.

BECHEM wins award for tailored solutions in the premium vehicle sector.

BECHEM as an award-winner is one of the 20 most innovative companies in North Rhine-Westphalia.

BECHEM wins the award for innovative lifetime lubrication of different vehicle components.

BECHEM wins the NRW 2015 Efficiency Award for innovative and resource-efficient coating in cold massive forming.
Lubrication solutions for industry