

Special lubricants



Automotive

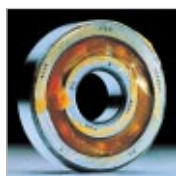
The requirements of the automotive industry are permanently growing. Due to its innovations each generation of vehicles means new challenges for the development of lubricants. Technologically optimised motors and sensitive electronic components require tailor made lubricant solutions. Special BECHEM products for the automotive industry guarantee smooth function and perfect results. These include special noise damping lubricants, corrosion protection, as well as high performance for life lubrication.

Special formulation

The history of special lubricants started 3500 before Christ. The Sumerian and Egyptians looked for special solutions to smoothly move potter's wheels, axle bearings with leather loop for rolling and wheel vehicles or simple bearings for making bore holes. They used oils, greases and water. Since that time new inventions and developments have confronted people with the same problem of smooth motion. BECHEM has accepted the challenge to find a smooth solution to this problem.

In order to fulfil the requirements of our high-tech world for smooth processes, BECHEM has developed a variety of different speciality lubricants. BECHEM speciality lubricants are there where we take a bath, where a car is produced, where a rocket starts or where bread is baked.

Thus BECHEM considerably contributes to the creation and maintenance of people's quality of life all over the world.





Low and high temperature lubricants

BECHEM high temperature lubricants are used where high service temperatures of up to plus 260°C apply or where materials are subjected to high variations in temperature, corrosion or pressure. But also for applications of above minus 50°C BECHEM can offer a smooth solution. The product series of the BECHEM high and low temperature lubricants are used in optical, fine mechanical and medical appliances, in small, miniature or high precision bearings, as well as in ski lifts or in cable cars.

Plastic lubrication

Plastic lubrication belongs to BECHEM's most innovative lubricant solutions. Besides the broad effect above all compatibility with the used materials is of importance. The current product range is permanently advanced.

Valve lubricants

Whether it is a matter of reduced maintenance and extended lifetime, special sealing performance or excellent sliding capacity, BECHEM valve lubricants cover the extensive range of valve lubrication.

Electrical contact lubricants

In the automotive industry the individual components in vehicles are getting more and more complex. Here BECHEM has the special know how in electrical contact lubrication of micro switches. But our electrical contact lubricants also meet the extreme requirements of household appliance technology and high voltages.

Special lubricants for the food processing industry

BECHEM food grade lubricants have been developed for the lubrication, load transmission or corrosion protection of machines for the production and treatment of food, food related material, tobacco manufactures and animal food.

Anti-Friction-Coatings

Our special anti friction coatings BERUCOAT AF, BERUCOAT FX and BERUCOAT AK are dry lubricants. Each individual product offers a variety of benefits and special application possibilities for all industries, especially bulk material and mass production components, metal materials, elastomers, plastics and leather applications.

That'Special!

A tradition we are proud of since 1834. This is still today demonstrated by our trademark: the Rhus Flower. After permanent development BECHEM is today a »Global Player«.

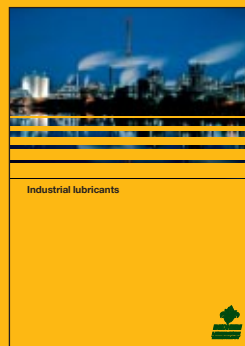
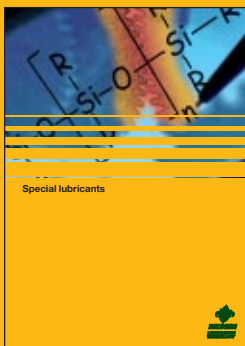
BECHEM special lubricants, industrial lubricants, metal working fluids and solutions for forming technology are based on our extensive experience in the development of special chemistry and latest tribologic knowledge. Our know-how with regard to friction, wear and lubrication always considers our customers' requirements for economic and ecologic optimisation of processes.

We feel obliged to tradition and progress. That'Special!

Besides the headquarter in Hagen, BECHEM has two more production sites in Germany, i.e. in Mieste and Kierspe. In addition to that, our worldwide distribution network allows us to develop markets all over the world. With the daughter companies in France, India, Switzerland and China, as well as the Joint Ventures in the USA, South Africa, Sweden and Russia BECHEM shows its international presence.

It is our target to supply our customers with high quality products and to simultaneously meet the valid international standards. The quality of our products is confirmed by the certification according to the automotive standard ISO/TS 16949. The requirement to our standard is guaranteed by the systematically effected internal audits and regular inspections by the RWTÜV at all sites, as well as by audits carried out by our customers.

Further information material can be ordered directly with us or is available under www.bechem.com.



Special lubricants

- Low and high temperature lubricants
- Plastic lubrication
- Electrical contact lubricants
- Food grade lubricants
- Valve lubricants
- Anti-Friction-Coatings

Industrial lubricants

- High performance multipurpose greases
- Heavy duty and high temperature lubricants
- Hydraulic oils
- Gear lubricants
- Green lubricants

Metal working

- Deep drawing/punching oils
- Coolant lubricants
- Cutting and grinding oils
- Deep drilling oils
- Corrosion protection oils
- Cleaning agents

Forming technology

- Wire drawing lubricants
- Cold forging oils
- Semi hot/hot forging
- Tube drawing lubricants
- Cold massive forming oils



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