



Industrial lubricants



Special lubricants for all industrial applications

The machines and equipment in industry are often exposed to extreme conditions. Besides dust, humidity and high variations in temperature also very high and/or shock loads must be coped with. For these applications BECHEM offers an extensive range of especially tailored high performance lubricants.

Make »special«

Already Leonardi da Vinci was aware of the importance of lubrication. He was the first to realise the scope of tribology, i.e. the interaction of friction, wear and lubrication, and to benefit from its possibilities for his inventions. Unfortunately he reached his limits. A problem which still today occupies design engineers and developers and BECHEM has accepted the challenge to find a smooth solution.

Who today builds a house, goes on holiday by car or travels around the world by plane will automatically be accompanied by BECHEM. Since without our special industrial lubricants neither cement could be manufactured, nor cars could be produced, nor airports could be built. Thanks to our special solutions in the field of industrial lubricants all this and even more will become possible.

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





High performance multipurpose greases

Main application of our extensive product range of high performance multipurpose greases is the lubrication of roller and plain bearings in all industrial areas over a wide temperature range.

Heavy duty and high temperature lubricants

For applications with special requirements regarding wear protection and load carrying capacity, thermal resistance or corrosion protection and media resistance tailor made BECHEM lubricants are available.

Hydraulic oils

For all types of hydraulics with high mechanic and dynamic loads BECHEM offers the suitable hydraulic oil. Main emphasis is put on the requirements to aging resistance in connection with optimal environmental compatibility.

Gear lubricants

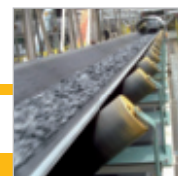
With a series of new gear lubricants based on mineral or synthetic base oils BECHEM meets the demand for long lifetime of the gears and the lubricant as well as for reduction of power loss in gears.

Open gear lubricants

Extreme requirements to open gears are reliably handled by the various ranges of BECHEM adhesive lubricants. In combination with complete technical service they allow a reduction of repair costs and down time as well as a reduction of lubricant costs by lower consumption.

Biodegradable lubricants

Besides economic aspects today environmental protection is of utmost importance. BECHEM meets these requirements and offers a complete range of environmentally safe lubricants.



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.

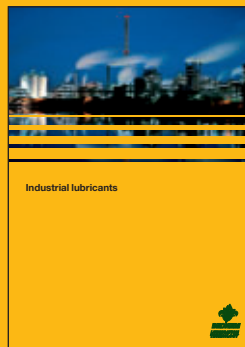
It is our target to supply our customers with high quality products and to simultaneously meet the valid international standards. The quality of our products is confirmed by the certification according to the automotive standard ISO/TS 16949. The requirement to our standard is guaranteed by the systematically 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.



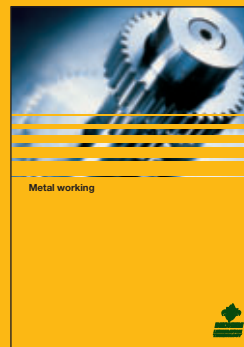
Special lubricants

- 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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