



## Forming technology



## In top form

Whenever cold or hot forming processes modify metals in their shape, BECHEM forging oils are applied.

In either liquid or solid, in oily, soapy or watery form - they help to reduce the friction between tool or die and metal resulting from sometimes considerable forming degrees as well as extreme surface pressures.

Thus with our support semi-finished and finished parts of precisely tailored precision and optimal surface qualities are produced, ready for the intended application or for finishing in further processes.





### **Cold forging oils**

For decades the consistent and continuous development of the BECHEM cold forging oils – in close cooperation with the end users and machine and tool manufacturers – sets the benchmark for this market segment.

### **Wire drawing lubricants**

Permanently increasing demands to productivity and quality require the use of BECHEM wire drawing lubricants. These are worldwide leading products for drawing wires of copper, aluminium or ferrous metals. Our programme of carriers, oils, emulsions, solutions and additives covers the complete application spectrum of wire drawing.

### **Tube drawing lubricants**

Optimal results in tube and profile drawing are achieved by the specifically developed KUBITRAC series.

### **Release agents for semi hot and hot forging**

For years BECHEM successfully meets the challenge in the field of semi hot and hot forging. Leading forges rely on the use of the product series BERULIT and BERUFORGE.

### **Coating lubricants for cold massive forging**

Extremely high quantities, strong competition and the necessity of specialisation in cold forging require the permanent development of innovative products and innovative processes. Here the BECHEM coating lubricants offer new options to redesign processes under economical and ecological aspects.



## 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«.

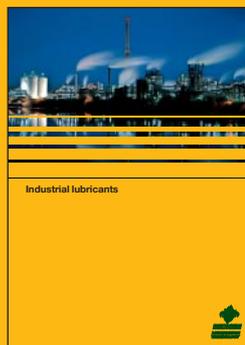
BECHEM special lubricants, industrial lubricants, metal working fluids and solutions for forming technology are based on our extensive experience in the development of special chemistry and latest tribologic knowledge. Our know-how with regard to friction, wear and lubrication always considers our customers'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