



Food processing industry

Pioneering
lubricant solutions



BECHEM

Lubrication solutions for industry

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

BECHEM products stand out through innovative formulations in the most diverse industrial applications – in machining and forming for metalworking 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.

H1: Identification of food grade lubricants, i. e. lubricants which can be applied where incidental food contact cannot be excluded.

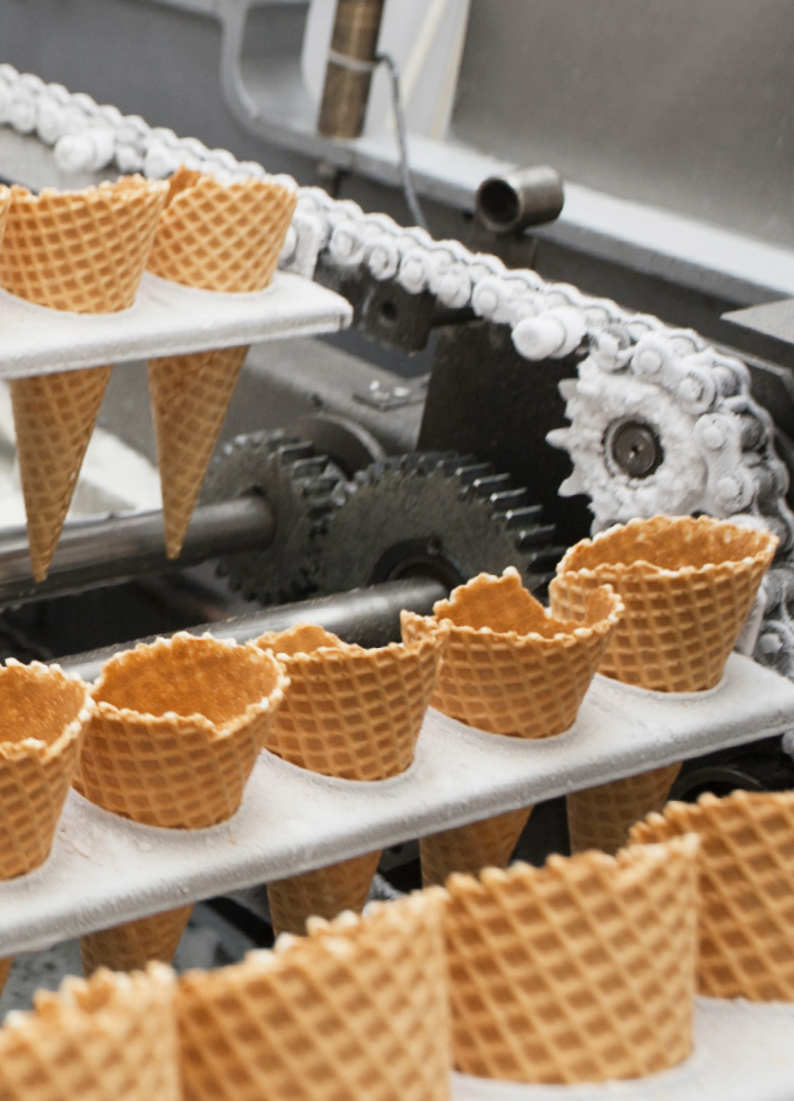
H2: Identification of lubricants for the general use in the food processing industry, provided food contact is excluded.

3H: Identification of release agents which are used in food production to prevent adhesion of food stuffs (direct food contact is allowed).

Halal: Identification of products which are classified as “halal” (legal) according to the Islamic dietary regulations.

Kosher: Identification of products which are classified as “kosher” (suitable, clean) according to the Jewish dietary laws.

ISO 21469: International standard which specifies the hygiene requirements for the formulation, manufacture and use of lubricants where incidental food contact cannot be excluded.



Certified

and sophisticated

In the food industry, lubricants play a crucial role in efficiently lubricating machines, ensuring power transmission and reliably protecting against corrosion.

BECHEM food grade lubricants meet the standards and requirements of modern lubricants applied in the food processing industry. They comply with the strict regulations of the international organisations for product testing and certification.

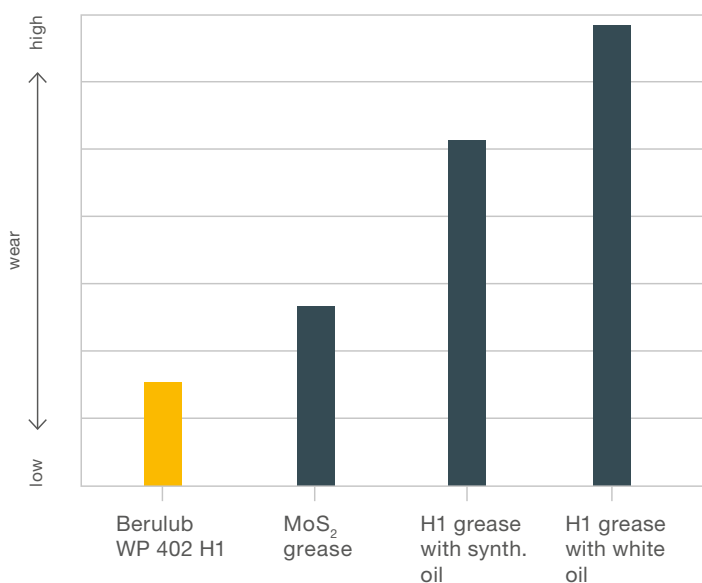
Product characteristics

- Excellent lubricating performance
- High resistance to water and oxidation
- Low wear
- Material compatibility
- Good adsorption and adhesion to metal and plastic
- Good damping properties (when bottling wine, beer and soft drinks)

Extremely resilient

BECHEM food grade lubricants cover a wide range of applications. Even for most demanding requirements e. g. with the regard to load carrying capacity BECHEM offers high-performance products such as **Berulub WP 402 H1** (compare chart). Based on their special hybrid technology these products exceed even conventional MoS₂ and graphite greases concerning the wear properties.

Wear properties



Perfectly developed

The ingredients comply with the requirements of the Food and Drug Administration (FDA) and are verified by internationally accepted certification organisations. They are neutral in smell and taste, free from animal ingredients and are approved for use in food production. They resist the seasonal, chemical, thermal and mechanical loads of the operating conditions to be expected.



Berusynth H1 series

Functional reliability

We have developed the Berusynth H1 series not only to set standards, but also to reduce the variety in stock. A mix-up within the Berusynth H1 series does not affect the basic functions, as the viscosities can be mixed with each other.

Properties

- Outstanding resistance to ageing and oxidation
- Outstanding shear resistance to meet even the most demanding requirements
- Free from mineral oil, white oil, ester and glycol
- No oil-related deposits are formed
- Certifications for the highest standards:
H1 registration, ISO 21469, Kosher and Halal

Lubricating oils

for efficient
production processes



Lubricating greases

for economical and
sustainable production

Forming fluids

for metal packaging
production

Sprays

for easy handling



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