

Berulub FG-H 2 SL

Part-No. 2901709

Synthetic high-performance grease for the food processing industry



Product description

Berulub FG-H 2 SL is a synthetic high-performance lubricating grease for the supply of machine elements in the food industry. Berulub FG-H 2 SL offers a good adhesion and sealing effect as well as reliable corrosion protection.

Industries

- Food industry
- Pharmaceutical Industry

Examples of application

- Roller and plain bearings
- Cam plates
- Guides
- Plain rollers
- Small gears
- Linear drives
- Cams
- Bolts
- Joint bearings
- Spindles
- Toothed racks
- Central lubrication systems
- Automatic clutch connections

Properties

- Good adhesion and sealing effect
- Oxidation and aging resistance
- Reliable corrosion and wear protection
- Resistant to cold and hot water, water steam as well as aqueous alkaline, acid disinfecting and cleaning agents
- Prevents stick-slip
- High load carrying capacity
- This lubricant does not contain any allergens according to Regulation (EU) No 1169/2011 (Food Information Regulation) and according to the Dutch ALBA allergen database

Material combinations

- Metal/metal
- Metal/plastic

Registration

- H1-registered

Certificates

- ISO 21469
- Halal
- Kosher

Characteristic data

Type	Unit	Value	Standard
Thickener		Special calcium complex soap	
Base oil		Synthetic hydrocarbon	
NLGI-grade		2	
Color/Appearance		light brown	
Kinematic viscosity of the base oil at 40 °C	mm ² /s	approx. 50	DIN 51562/ASTM D 7042
Kinematic viscosity of the base oil at 100 °C	mm ² /s	approx. 8	DIN 51562/ASTM D 7042
Worked penetration	mm ² /s	265 – 295	DIN ISO 2137
Drop point	°C	≥ 240	IP 396

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Type	Unit	Value	Standard
Working temperature range	°C	-45 – 160	
Working temperature range short term	°C	200	
Working temperature range	°F	-49 – 320	
Working temperature range short term	°F	392	
Water resistance	Evaluation grade	0 – 90	DIN 51807-1
Four ball weld load	N	4000	

Instructions for use

- This lubricant is not suitable for consumption

Please read the safety data sheet prior to use to learn about precautions and safety instructions. Always comply with the applicable safety provisions and the intended use. You can request a copy of the current safety data sheet using the contact form on our website www.bechem.de/kontakt or by e-mail to bechem@bechem.de.

Important notes

The information and technical data contained in this data sheet concerning the fields of application and processing for the product listed above are based on our knowledge and experience at the time of printing. Unless otherwise stated, this information is provided solely for reference and does not constitute a specification or warranty of quality in a particular instance. Many factors such as the relevant fields of application and the operating and working conditions are beyond the control of BECHEM. **For this reason, we cannot guarantee the suitability of our products for a specific purpose or application on the part of the customer. The delivery of our products and our liability are subject exclusively to our general sales and delivery conditions. These are available online at www.bechem.de/agb.html.**

Information regarding material compatibility is based on extensive laboratory testing and literature references. Due to the large number of plastics used and their raw materials as well as the complex chemical and morphological polymer structure, the indications regarding compatibility are solely a reflection of general trends. In order to ensure that the product is used correctly for individual orders and particularly for serial production, we recommend that the supplier carries out its own trials and application tests in advance and confirms the compatibility of the product or carries out thorough laboratory tests.

Please refer to the current safety data sheet for information regarding: Hazardous material labelling, safety provisions, and regulations on storage and transport, and take any necessary precautions to protect property and persons.

Because BECHEM products are subject to continuous development, CARL BECHEM GMBH and its associated companies reserve the right to make changes to the technical data in this data sheet at any time.

Visible variations in the product color of each batch as well as changes in the color of delivered products are technically possible and even probable for some products (for instance, due to the influence of temperature on raw materials). These processes are normal and confirmed by BECHEM raw material suppliers. They have no impact on the serviceability, service life, and quality of the products.

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For further information and more detailed product data, please contact us at: info@bechem.com or bechem@bechem.de.

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High loads



Low temperatures



High temperatures



Food grade/Pharmaceutical
technology



Roller bearings