

## PARALIQ GA 351

Special lubricating grease for the food and pharmaceutical industries

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### Benefits for your application

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- Versatile lubricating grease reducing the number of different lubricants required on site
  - Reduced loss of lubricant due to its resistance to aggressive media
  - Increased process reliability due to excellent hot water resistance
  - ISO 21469 certified – supports the compliance with the hygienic requirements in your production. You will find further information about ISO Standard 21469 on our website [www.klueber.com](http://www.klueber.com).
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### Description

PARALIQ GA 351 is a versatile lubricating grease based on an aluminium complex soap thickener. This lubricant is NSF H1-registered and therefore complies with FDA 21 CFR § 178.3570. It can be applied wherever incidental product contact is technically unavoidable.

PARALIQ GA 351 has no smell or taste. It is resistant to all aqueous or alcoholic media commonly found in the food industry. Owing to its consistency, PARALIQ GA 351 can normally be applied by means of centralised lubricating systems also at low temperatures. Please note, however, that due to different system configurations and application conditions the pumpability of the product has to be confirmed with the system manufacturer for each individual application. We will be pleased to provide assistance in this matter.

### Application

PARALIQ GA 351 can be used for all lubrication points in the food industry.

#### Application examples

- Rolling and plain bearings in machines of the food and pharmaceutical industries
- Metering pistons in cup filling and sealing machines
- Tubular tracks in slaughterhouses.

### Application notes

Clean all lubrication points lubricated with a different grease before applying PARALIQ GA 351. If the greases are miscible, relubrication with PARALIQ GA 351 is sufficient.

The grease is applied by spatula, brush, grease gun or similar equipment. Avoid over-lubrication. The friction points can be cleaned with a commercial cleaning agent.

### Minimum shelf life

The minimum shelf life is approximately 24 months if the product is stored in its unopened original container in a dry, frost-free place.

Keep container tightly closed to protect the grease against contamination.

### Pack sizes

370 g cartridge  
1 kg can  
25 kg bucket

### Material Safety Data Sheets

Material safety data sheets can be downloaded or requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.



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Product data	PARALIQ GA 351
Article number	096020
Service temperature range*, [°C]	- 40 to 110
Colour	beige
Worked penetration, DIN ISO 2137, at 25 °C; [0.1 mm]	300 - 320
Base oil viscosity, at 40 °C, [mm <sup>2</sup> /s], approx. at 100 °C, [mm <sup>2</sup> /s], approx.	230 22
Water resistance, DIN 51 807 3 h at 50 °C, rating 3 h at 90 °C, rating	1-50 1-90
NSF H1 registration**, registration number	056370

\* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, shear viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

\*\* This lubricant is registered as H1, which means that it has been designed for incidental, technically unavoidable food contact. Experience shows that it can be used for equivalent applications in the cosmetics and pharmaceutical industry under the conditions described in the product information leaflet. Specific test results as e.g. biocompatibility, which could be an additional requirement for applications in the pharmaceutical industry, are not available for this product. Therefore, before using the lubricant adequate risk analyses should be performed and, if necessary, suitable measures be taken by the manufacturer and user of installations in order to exclude the risk of health hazards and personal injuries.

### Lubrication is our world

With more than 2000 products available around the world, you can be sure that Klüber has the right product for your application. Please contact Klüber Lubrication specialists worldwide to assist you in all matters regarding lubrication.

[www.klueber.com](http://www.klueber.com)

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The data in this product information is based on our general experience and knowledge at the time of printing and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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