

# PARALIQ GA 351

Special lubricating grease for the food and pharmaceutical industries



## Your benefits at a glance

- 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).

## Your requirements - our solution

PARALIQ GA 351 is a versatile lubricating grease based on an aluminium complex soap thickener.

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.

PARALIQ GA 351 is NSF H1 registered and therefore complies with FDA 21 CFR § 178.3570. The lubricant was developed for incidental contact with products and packaging materials in the food-processing, cosmetics, pharmaceutical or animal feed industries. The use of PARALIQ GA 351 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

## 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.

This product is also available in our automatic lubricant dispenser Klübermatic. Please consult the application engineering experts from Klüber Lubrication to determine whether Klübermatic might be used under the conditions in your processes.

## Material safety data sheets

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

Pack sizes	PARALIQ GA 351
Cartridge 370 g	+
Can 1 kg	+
Bucket 25 kg	+

# PARALIQ GA 351

Special lubricating grease for the food and pharmaceutical industries



Pack sizes	PARALIQ GA 351
Drum 180 kg	+

  

Characteristics	PARALIQ GA 351
Article number	096020
Colour space	beige
Service temperature, lower limit	-25 °C
Service temperature, upper limit	110 °C
NSF H1 registration number	056370
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	300 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	320 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 22 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 230 mm <sup>2</sup> /s
Water resistance, DIN 51807-1, based on standard, 3 h, 50°C	1 - 50 rating
Water resistance, DIN 51807-1, 3 h, 90°C	1 - 90 rating
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months

## Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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The data in this document is based on our general experience and knowledge at the time of publication 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 field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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