PARALIQ GA 3400

Fluid gear grease for the food-processing and pharmaceutical industries

Benefits for your application

- **Fluid gear grease for an easy pumpability in central lubrication systems***
- **Reduced maintenance needs due to the good corrosion and wear protection**
- **NSF H1 registered supporting process reliability**
- **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.**

Description

PARALIQ GA 3400 is based on a paraffinic mineral oil and an aluminium complex soap.

PARALIQ GA 3400 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 3400 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

Application

PARALIQ GA 3400 has been designed for use in enclosed gears in the food-processing and pharmaceutical industries. Due to the good corrosion and wear protection as well as soft consistency, it is preferably used for the dip-feed lubrication of gear drives and worm gears as well as for chains and gearwheels.

Application notes

PARALIQ GA 3400 is applied by brush, spatula, grease gun or centralised lubricating system*.

Before applying PARALIQ GA 3400, all lubrication points should be thoroughly cleaned to ensure maximum hygiene conditions exist, mandatory for food-safe H1 lubrication.

If the production process does not allow cleaning, we recommend the existing grease be replaced by purging the system during re-lubrication.

Please do not hesitate to contact us in respect of grease miscibility, re-lubrication procedures etc.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	PARALIQ GA 3400
Can 1 kg	+
Bucket 25 kg	+

Product data	PARALIQ GA 3400
Article number	096019
NSF-H1 registration	137 942
Chemical composition, thickener	aluminium complex soap
Chemical composition, type of oil	paraffinic mineral oil
Lower service temperature	-45 °C / -49 °F
Upper service temperature	110 °C / 230 °F
Colour space	yellow
Texture	homogeneous

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Product data	PARALIQ GA 3400
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	420 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	450 x 0.1 mm
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Drop point, DIN ISO 2176, IP 396	>= 180 °C
Water resistance, DIN 51807 pt. 01, 3 h/40°C	0 - 40
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 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 80 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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