

PARALIQ GA 3400

Fluid gear grease for the food-processing and pharmaceutical industries



Your benefits at a glance

- 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.

Your requirements - our solution

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.

PARALIQ GA 3400 is also suitable in the canning industry for centralized lubrication systems of:

- automatic groups
- filling machines
- seaming machines

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.

A special feature of this product is the very fast increase of worked penetration. It quickly becomes very soft (approx. 6 months) thus falling beyond the indicated worked penetration range.

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
Cartridge 400 g	+
Can 1 kg	+
Bucket 5 kg	+
Bucket 25 kg	+
Bucket 50 kg	+

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Pack sizes	PARALIQ GA 3400
Drum 180 kg	+
Characteristics	PARALIQ GA 3400
Article number	096019
Composition, thickener	aluminium complex soap
Composition, type of oil	paraffinic mineral oil
Colour space	yellow
Texture	homogeneous
Service temperature, lower limit	-45 °C
Service temperature, upper limit	110 °C
NSF H1 registration number	137942
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	420 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	450 0.1 mm
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Dropping point, DIN ISO 2176 / IP 396	≥ 180 °C
FZG scuffing test, DIN ISO 14635-3, A / 2.8 / 50, failure load stage	≥ 12
Water resistance, DIN 51807-1, 3 h, 40°C	0 - 40 rating
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 90 years.

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