PARALIQ GA 343

Multi-purpose grease for food-processing and pharmaceutical industries

Benefits for your application

- **Multi-purpose grease for various lubrication points**
- **Less lubricant lost due to good water resistance**
- **Better component protection due to good anticorrosive behaviour, good adhesion due to high consistency**
- **NSF-H1 registration for higher 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 343 is a lubricating grease based on paraffinic mineral oil and an aluminium complex soap.

PARALIQ GA 343 is resistant to cold and hot water.

PARALIQ GA 343 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 343 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

Application

PARALIQ GA 343 is used for many different types of machines and installations in the food-processing and pharmaceutical industries where incidental contact with the food product cannot be excluded.

Applications include the lubrication of rolling and plain bearings, lifting cylinders, joints, guide bars, guide rails, cam discs, seals etc.

Application notes

Before applying PARALIQ GA 343, 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.

The grease is applied by spatula, brush, grease gun or similar techniques. Avoid excessive lubrication. The friction points can be cleaned by means of standard cleaning agents.

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 343
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

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Product data	PARALIQ GA 343
Article number	096017
NSF-H1 registration	136 873
Chemical composition, type of oil	paraffinic mineral oil
Chemical composition, thickener	aluminium complex soap
Lower service temperature	-30 °C / -22 °F
Upper service temperature	110 °C / 230 °F
Colour space	yellow
Texture	homogeneous
Density at 20 °C	approx. 0.92 g/cm³
NLGI grade, DIN 51818	2
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	265 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	295 x 0.1 mm
Shear viscosity at 25 °C, shear rate 300 s-1, equipment: rotational viscometer, lower limit value	4 000 mPas
Shear viscosity at 25°C, shear rate 300 s-1, equipment:rotational viscometer, upper limit value	8 000 mPas
Flow pressure of lubricating greases, DIN 51805, test temperature: -30 °C	<= 1 400 mbar
Drop point, DIN ISO 2176	>= 220 °C
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	<= 1 - 90
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 80 years.

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