

PARALIQ GA 343

Multi-purpose grease for food-processing and pharmaceutical industries



Your benefits at a glance

- 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-registered for higher process reliability and compliant with halal and kosher requirements
- 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 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 370 g	+
Can 1 kg	+
Bucket 25 kg	+
Bucket 50 kg	+
Drum 170 kg	+

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Characteristics	PARALIQ GA 343
Article number	096017
Composition, thickener	aluminium complex soap
Composition, type of oil	paraffinic mineral oil
Colour space	yellow
Texture	homogeneous
Service temperature, lower limit	-20 °C
Service temperature, upper limit	110 °C
NSF H1 registration number	136873
Density, Klüber method: PN 024, 20°C	approx. 0.903 g/cm ³
NLGI grade, DIN 51818	2
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	265 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	295 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , lower limit	4000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , upper limit	8000 mPas
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Flow pressure, DIN 51805-2, -20°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 220 °C
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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