

# PARALIQ GB 363

Synthetic grease for valves and fittings in the food-processing and pharmaceutical industries



## Your benefits at a glance

- Reliable operation of beverage taps due to neutrality towards taste and beer froth
- Extended maintenance intervals due to very good resistance to hot and cold water and steam
- NSF H1-registered 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](http://www.klueber.com).

## Your requirements - our solution

PARALIQ GB 363 offers excellent adhesion and is neutral to beer froth. It is also highly resistant to water and steam.

PARALIQ GB 363 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 GB 363 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

## Application

PARALIQ GB 363 can be used for beverage taps, especially beer taps of all kind, equipped with NBR seals or other elements made of NBR. It does not impair the formation of beer froth or the taste of beer.

PARALIQ GB 363 is also suitable for filling installations, filters, stuffing boxes, rubber membranes or seals.

## Application notes

PARALIQ GB 363 can be applied by brush, spatula, grease gun or cartridge.

Before applying PARALIQ GB 363, all lubrication points should be thoroughly cleaned to ensure maximum hygiene conditions exist and beer froth formation is not impaired.

### *Material compatibility*

PARALIQ GB 363 is compatible with most NBR materials. Yet we recommend testing the compatibility with the individual material to be used, especially for series application.

Variations in the colour of products manufactured by means of chemical processes are a common phenomenon. Possible causes are, for example, variations in the colour of natural raw materials. All these colour variations, however, are in no way an indication of a change in the quality of the product.

## 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 GB 363
Cartridge 370 g	+
Cartridge 370 g	+
Can 1 kg	+
Bucket 25 kg	+

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Characteristics	PARALIQ GB 363
Article number	096018
Composition, thickener	silicate
Composition, type of oil	paraffinic mineral oil , synthetic hydrocarbon oil
Colour space	beige
Service temperature, lower limit	-30 °C
Service temperature, upper limit	120 °C
NSF H1 registration number	056371
Density, Klüber method: PN 024, 20°C	approx. 0.91 g/cm <sup>3</sup>
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	215 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	245 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s <sup>-1</sup> , lower limit	8000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s <sup>-1</sup> , upper limit	20000 mPas
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 156 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. 2400 mm <sup>2</sup> /s
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.	36 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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