

# PARALIQ GB 363

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



## Benefits for your application

- **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).**

## Description

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.

## 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
Tube 40 g	+
Cartridge 370 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	PARALIQ GB 363
Article number	096018
NSF-H1 registration	056 371
Chemical composition, thickener	silicate
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition, type of oil	paraffinic mineral oil
Lower service temperature	-30 °C / -22 °F



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Product data	PARALIQ GB 363
Upper service temperature	140 °C / 284 °F
Colour space	beige
Density at 20 °C	approx. 0.91 g/cm <sup>3</sup>
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	215 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	245 x 0.1 mm
Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, lower limit value	8 000 mPas
Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, upper limit value	20 000 mPas
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 2 400 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 156 mm <sup>2</sup> /s
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.	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 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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