

PARALIQ GB 363

Food-grade lubricating grease for valves and fittings



Description

PARALIQ GB 363 is a food-grade lubricating grease which is resistant to cold and hot water, many disinfectants and detergents as well as vapor.

PARALIQ P GB 363 fulfills the German food regulations (LMBG, section 5 paragraph 1, section 31 paragraph 1) as well as DIN V 10517 on "food-grade lubricants" and meets the requirements set forth in the US "Guidelines of sec. 21 CFR, § 178.3570 of FDA regulations.

PARALIQ GB 363 has been approved by NSF under Registration No. 056371.

Application

PARALIQ GB 363 offers excellent adherence and is neutral to beer froth. The grease 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.

Minimum shelf life

The minimum shelf life is approx. 36 months if the product is stored in its unopened original container in a dry, frost-free place.

Compatibility with materials

According to our current knowledge PARALIQ GB 363 is compatible with NBR.

Owing to the many different elastomer and plastic compositions we recommend having their compatibility checked by the seal manufacturer prior to series applications.

Pack sizes

25 x 40 g tubes
400 g cartridges
1 kg cans
25 kg buckets

PARALIQ GB 363

- Food-grade lubricating grease for valves and fittings
- Resistant to cold and hot water, water vapor, many disinfectants and detergents
- Does not affect beer froth formation
- Approved by NSF under Category Code H1

Material safety data sheets

Current material safety data sheets may be downloaded from our website www.klueber.com or requested from Klüber Lubrication.

Product data

Base oil	paraffinic mineral oil, synthetic hydrocarbon oil
Thickener	silicate
Color	light yellow
Service temperature range*, [°C], approx.	-30 to 140
Density, DIN 51757, at 20°C, [g/cm ³], approx.	0.91
Base oil viscosity, DIN 51562 part 01 at 40 °C, [mm ² /s], approx. at 100 °C, [mm ² /s], approx.	2400 156
Water resistance, DIN 51807 part 01, 3h/90°C	0 - 90
Worked penetration, DIN ISO 2137, at 25°C, [0.1 mm]	215 to 245
Apparent dynamic viscosity ** Klüber viscosity class	S

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

** Klüber viscosity grades: EL = extra light lubricating grease; L = light lubricating grease; M = medium lubricating grease; S = heavy lubricating grease; ES = extra heavy lubricating grease

The data in this product information is based on our general experience and knowledge at the time of printing 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 tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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