PARALIQ GTE 703

Synthetic lubricating grease for valves & fittings with EPDM seals

Benefits for your application

- **A reduction in your lubricant inventory with one lubricant which can be considered for both seals and rolling bearings**
- **Good compatibility when coming in contact with EPDM seals or even beer foam enhancing seal life and reduction in down time**
- **High resistance to many types of media such as disinfectants, cleaning agents, water, steam ensuring maximum protection of both seals and bearings , enhancing life and operating cost reduction**
- **NSF H1 registered supporting process reliability and approved according to WRAS**

Description

PARALIQ GTE 703 is a special lubricating grease based on silicone oil and PTFE.

The product is registered as NSF H1and complies with FDA 21 CFR § 178.3570.

Besides for seals, PARALIQ GTE 703 may also be used for very low-load rolling bearings used in the beverage industry where an EPDM-compatible H1 lubricant is required. Very low load applications with a C/P ratio of >30 and slow speeds.

PARALIQ GTE 703 is resistant to hot and cold water, disinfectants, cleaning agents and steam.

When applied properly, it does not impair the formation of froth or the taste of beer.

The German testing laboratory for beverage dispensing taps in Gräfelfing, Germany, confirmed that PARALIQ GTE 703 meets all requirements for a sealing grease in dispensing units.

Application

PARALIQ GTE 703 is a special grease suitable for beer taps, barrel filling installations and valves.

It can be used for the lubrication of seals in the beverage industry whenever a H1 lubricating grease compatible with EPDM is required.

Application notes

PARALIQ GTE 703 can be applied by spatula, grease gun or directly from the tube.

The lubrication technique for highly viscous lubricants should be chosen with great care: in the system used the intake of air should be avoided since otherwise the high pressures lead to oxidation and consequently decomposition of the product.

For this reason we recommend pumping the product with the lowest pressure possible. It may make sense to contact the manufacturer of the application equipment used.

As a general rule, users should make sure to use only new high-pressure pumping lines in their lubrication equipment.

As a precaution against grease leaking from lines we recommend wearing suitable protection gear. (e.g. protective goggles).

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 GTE 703
Tube 60 g	+
Cartridge 500 g	+
Can 750 g	+
Bucket 25 kg	+

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Product data	PARALIQ GTE 703
Article number	022148
NSF-H1 registration	056 372
Lower service temperature	-50 °C / -58 °F
Upper service temperature	150 °C / 302 °F
Colour space	white
Texture	homogeneous
Density at 20 °C	approx. 1.31 g/cm³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	220 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	250 x 0.1 mm
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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