

Klübergrease LFT 71-402

Special grease for ball joints with good corrosion protection



Benefits for your application

- Semi-synthetic grease for lifetime-lubricated ball joints
- Reduces stick-slip
- Minimizes starting and running torques
- High corrosion protection under extreme conditions
- Good water resistance
- Free of heavy metals and black solid lubricants
- Approved acc. to VW-TL 721, TRW 62015002

Description

Klübergrease LFT 71-402 has been especially designed for the lubrication of smooth-running ball joints. It is free of heavy metals and black solid lubricants. The semi-synthetic base oil is thickened with polyurea. Special additives increase adhesion on steel and plastic components and improve the dampening effect between the friction bodies. Compared to standard greases, lower break-away and running torques of the joint are attained. Klübergrease LFT 71-402 reduces the difference between static and dynamic friction, and thus stick-slip, in assembled joints. Interaction between sealings made of chloroprene rubber (CR) and Klübergrease LFT 71-402 are within the narrow limits specified by the users.

Application

Klübergrease LFT 71-402 is suitable for sealed joints with steel/plastic material combinations subject to oscillating angular tilting and slewing motions and at the same time high-frequency vibrations.

Klübergrease LFT 71-402 has been specifically tested and approved for the lifetime-lubricated and smooth-running wheel joints, steering and tie rod joints, control arm as well as pot joints used in the automotive industry.

Application notes

Klübergrease LFT 71-402 can be applied by brush, grease gun or automatic metering systems.

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	Klübergrease LFT 71-402
Bucket 25 kg	+
Drum 180 kg	+

Product data	Klübergrease LFT 71-402
Article number	094070
Lower service temperature	-40 °C / -40 °F
Upper service temperature	110 °C / 230 °F
Colour space	brown
Texture	homogeneous
Texture	fibrous



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Product data	Klübergrease LFT 71-402
Density at 20 °C	approx. 0.90 g/cm ³
NLGI grade, DIN 51818	2
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	4 000 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, upper limit value	8 000 mPas
Drop point, DIN ISO 2176, IP 396	>= 170 °C
Corrosion inhibiting properties of lubricating greases, based on DIN 51802, SKF-EMCOR, test duration: 3 weeks, synthetic saltwater	<= 2 corrosion degree
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.	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 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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