

Klübersynth JIP 84-402

Special lubricating grease avoiding stick-slip



Benefits for your application

- Energy savings achieved through particularly low friction coefficient
- Reduction of stick-slip and breakaway noise
- For heavily loaded plastic/steel combinations
- Particularly good corrosion protection
- Cost-effective alternative to PFPE greases with similar friction coefficient

Description

Klübersynth JIP 84-402 shows particularly low friction coefficients under high percentages of sliding friction for the material combination steel/plastic. The main aim of product development was to achieve particularly low friction values in heavily loaded ball joints of the material combination steel/PEEK. Breakaway torque was completely eliminated in a component test.

Application

For very heavily loaded steel/plastic combinations (like steel/PEEK) to achieve very low friction coefficients under sliding friction and for ball joints of the material combination steel/plastic. Developed to meet the special requirements of wheel-, supporting- and guiding joints.

Application notes

Klübersynth JIP 84-402 can be applied by brush, spatula, grease gun, grease metering gun, automatic metering units, grease cartridge, conventional metering systems and central lubrication systems (single-line systems). We recommend to test metering under practical conditions with the original equipment prior to use.

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	KLÜBERSYNTH JIP 84-402
Can 1 kg	+
Bucket 25 kg	+
Drum 200 kg	+

Product data	KLÜBERSYNTH JIP 84-402
Article number	094108
Chemical composition, solid lubricant	PTFE
Chemical composition, thickener	lithium soap
Chemical composition, type of oil	synthetic hydrocarbon oil
Lower service temperature	-40 °C / -40 °F
Upper service temperature	120 °C / 248 °F
Colour space	beige
Texture	fibrous
Texture	homogeneous
Density at 20 °C	approx. 1.10 g/cm ³



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Product data	KLÜBERSYNTH JIP 84-402
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	250 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	300 x 0.1 mm
Corrosion inhibiting properties of lubricating greases, based on DIN 51802, SKF-EMCOR, test duration: 3 weeks, synthetic saltwater	<= 2 corrosion degree
Drop point, DIN ISO 2176	>= 185 °C
Flow pressure of lubricating greases, DIN 51805, test temperature: -40 °C	<= 1 400 mbar
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 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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