

SYNTHESO 8002 (plain bearings in bridges)

Special lubricating grease approved for use in plain bearings of bridge and upper works



Benefits for your application

- Good ageing resistance
- Good wetting power
- Smooth running of components at low temperatures
- Special grease approved for plain bearings in bridges – MPA certificate

Description

SYNTHESO 8002 (plain bearings in bridges) is a special lubricating grease based on silicone oil and lithium soap. It can be used for plain bearings in bridges and upper works requiring an approved lubricant. Each grease batch is tested, approved and certified by the Materials Testing Institute in Stuttgart, Germany.

grease compositions we recommend checking their compatibility on the complete component prior to series application.

Application notes

The grease can be applied by brush or spatula onto the clean and degreased surface.

Application

SYNTHESO 8002 (plain bearings in bridges) is used for the lubrication of bridge bearings with PTFE/steel contact. SYNTHESO 8002 (plain bearings in bridges) is compatible with many rubber-elastic materials. All data are based on our current knowledge and experience. They were determined by means of sampling tests. Owing to the many different elastomer and

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	SYNTHESO 8002 (BRÜCKENL.QUALIT)
Bucket 25 kg	+

Product data	SYNTHESO 8002 (BRÜCKENL.QUALIT)
Article number	012043
Chemical composition, thickener	lithium soap
Chemical composition, type of oil	silicone oil
Lower service temperature	-40 °C / -40 °F
Upper service temperature	130 °C / 266 °F
Colour space	white
Texture	short-fibred
Density at 20 °C	approx. 1.01 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	265 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	295 x 0.1 mm
Drop point, DIN ISO 2176, IP 396	>= 180 °C



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Product data	SYNTHESO 8002 (BRÜCKENL.QUALIT)
Oil separation, based on ASTM D 6184 [FTMS 791 C 321], after 24 h/100 °C	<= 3 % by weight
Oxidation stability of lubricating greases, based on ASTM D942, 100h/160°C, pressure drop	<= 1 bar
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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