

SYNTHESO PROBA 270

Grease for valves, fittings and plain bearings



Benefits for your application

- Good resistance to hot water and aqueous alkaline solutions
- Good ageing resistance
- Neutral towards many rubber-elastic materials

Description

SYNTHESO PROBA 270 and 330 are greases based on polyalkylene glycol and barium soap thickener for applications subject to cold and hot water, e.g. in autoclaves and high-temperature dyeing installations.

Application

- For valves and fittings which are subject to cold and hot water and not in contact with tap water
- For plain bearings to increase their sliding capacity and service life
- Assembly aid for many rubber-elastic materials

SYNTHESO PROBA 270 grease is compatible with many rubber-elastic materials. The a.m. data are based on our current knowledge and experience. They were determined by means of sampling tests. Owing to the many different elastomer

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

Application notes

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

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 PROBA 270	SYNTHESO PROBA 330
Can 1 kg	+	+
Tube 50 g	+	-
Bucket 25 kg	+	+

Product data	SYNTHESO PROBA 270	SYNTHESO PROBA 330
Article number	006003	006030
Chemical composition, type of oil	PAG	PAG
Chemical composition, thickener	barium soap	barium soap
Lower service temperature	-40 °C / -40 °F	-40 °C / -40 °F
Upper service temperature	130 °C / 266 °F	130 °C / 266 °F
Colour space	beige	beige
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	250 x 0.1 mm	310 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	290 x 0.1 mm	350 x 0.1 mm
Copper corrosion, DIN 51811, (lubricating grease), 24h/100°C	1 - 100 corrosion degree	1 - 100 corrosion degree



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Product data	SYNTHESO PROBA 270	SYNTHESO PROBA 330
Flow pressure of lubricating greases, DIN 51805, test temperature: -40 °C	<= 1 400 mbar	<= 1 400 mbar
Drop point, DIN ISO 2176, IP 396	>= 150 °C	>= 150 °C
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	<= 1 - 90	<= 1 - 90
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months

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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.

Klüber Lubrication München SE & Co. KG /
Geisenhausenerstraße 7 / 81379 München / Germany /
phone +49 89 7876-0 / fax +49 89 7876-333.

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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