

SYNTHESO PROBA 270, 330

Grease for valves, fittings and plain bearings



Your benefits at a glance

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

Your requirements - our solution

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	+	+
Bucket 25 kg	+	+
Drum 180 kg	+	

Characteristics	SYNTHESO PROBA 270	SYNTHESO PROBA 330
Article number	006003	006030
Composition, thickener	barium soap	barium soap
Composition, type of oil	polyalkylenglycol	polyalkylenglycol
Colour space	beige	beige
Service temperature, lower limit	-40 °C	-40 °C
Service temperature, upper limit	130 °C	130 °C
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	250 0.1 mm	310 0.1 mm

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Characteristics	SYNTHESO PROBA 270	SYNTHESO PROBA 330
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	290 0.1 mm	350 0.1 mm
Copper corrosion, DIN 51811, 24 h, 100°C	1 - 100 - 24 corrosion degree	1 - 100 - 24 corrosion degree
Flow pressure, DIN 51805-2, -40°C	≤ 1400 mbar	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 150 °C	≥ 150 °C
Water resistance, DIN 51807-1, 3 h, 90°C	≤ 1 - 90 rating	≤ 1 - 90 rating
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

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 90 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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