

# SYNTHESO PRO AA 2, PRO AA4

Special grease for the lubrication of rubber-elastic seals and plastics



## Benefits for your application

- Good resistance to hot and cold water
- Neutral towards many rubber-elastic materials, e.g. EPDM

## Description

SYNTHESO PRO AA 2 and SYNTHESO PRO AA 4 are special greases based on polyalkylene glycol and silicate for the lubrication of rubber-elastic seals, e.g. EPDM.

## Application

Owing to their good resistance to hot water, SYNTHESO PRO AA 2 and AA 4 are particularly suitable for the following applications:

- gaskets in autoclaves
- seals in high-temperature dyeing installations
- control valves, spindles, and their sealing materials.

## Application notes

SYNTHESO PRO AA greases can be applied by the usual lubrication systems, e.g. spatula, grease gun, brush. The components should be clean and dry prior to initial or relubrication. Behaviour towards elastomers and plastics: Owing to the many different elastomer and plastics compositions we recommend checking their compatibility on the complete component prior to series application.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	SYNTHESO PRO AA 2	SYNTHESO PRO AA 4
Tube 25 g	+	-
Can 1 kg	+	+
Bucket 25 kg	+	+

Product data	SYNTHESO PRO AA 2	SYNTHESO PRO AA 4
Article number	006025	006026
Chemical composition, type of oil	PAG	PAG
Chemical composition, thickener	silicate	silicate
Lower service temperature	-25 °C / -13 °F	-15 °C / 5 °F
Upper service temperature	150 °C / 302 °F	150 °C / 302 °F
Colour space	beige	beige
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	265 x 0.1 mm	175 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	295 x 0.1 mm	205 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 360 mm <sup>2</sup> /s	approx. 360 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 57 mm <sup>2</sup> /s	approx. 57 mm <sup>2</sup> /s
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	<= 2 - 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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## 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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