

PETAMO III 350

High-temperature lubricant



Benefits for your application

- Excellent wear protection
- High thermal stability
- Free from raw materials containing silicone
- Excellent resistance to water
- High ageing and oxidation stability
- Good corrosion protection

Description

PETAMO III/350 has been specially developed for the lubrication of conveyor systems subject to high temperatures.

This thermally stable lubricant provides optimum protection against wear and is extremely resistant to water. It ensures good corrosion protection and high ageing and oxidation stability.

Application

Lubrication of plain and rolling bearings subject to high temperatures and extended operation.

Initial and re-lubrication of load and return rollers in conveyor systems (drying, painting and enamel installations), fans and motors in drying systems.

Application notes

PETAMO III/350 is applied by spatula, brush, grease gun and grease cartridge or via centralised lubrication systems.

Before substituting PETAMO III/350 for other greases it is necessary to clean new bearings. If both greases are miscible, the grease can be replaced by relubrication.

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	PETAMO III 350
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	PETAMO III 350
Article number	094021
Chemical composition, type of oil	ester oil
Chemical composition, thickener	polyurea
Lower service temperature	-20 °C / -4 °F
Upper service temperature	200 °C / 392 °F
Colour space	beige
Texture	short-fibred
Texture	homogeneous
Density at 20 °C	approx. 1.01 g/cm ³



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Product data	PETAMO III 350
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	320 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	370 x 0.1 mm
Drop point, DIN ISO 2176, IP 396	>= 250 °C
Speed factor (n x dm)	approx. 400 000 mm/min
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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