

STABURAGS NBU 12 K, 30 K

Rolling and plain bearing greases



Benefits for your application

- Good corrosion protection
- Excellent resistance to ambient media
- High wear protection
- Good resistance to tribo-corrosion
- Good load-carrying capacity
- Good sealing effect

Description

STABURAGS NBU 12 K, 30 K are lubricating greases based on mineral oil and barium complex soap. Both greases offer excellent corrosion protection, resistance to water and ambient media as well as wear protection, load-carrying capacity and resistance to tribocorrosion.

Application

STABURAGS NBU 12 K is suitable for the long-term and lifetime lubrication of medium-speed rolling bearings, e.g. in mechanical engineering, power stations and motors. STABURAGS NBU 30 K is suitable for the long-term and lifetime lubrication of low-speed, highly loaded rolling and plain bearings, mechanical engineering, chemical industry and power stations.

Application notes

These greases are applied by brush, spatula or conventional metering systems.

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	STABURAGS NBU 12 K	STABURAGS NBU 30 K
Cartridge 400 g	+	-
Can 1 kg	+	+
Bucket 25 kg	+	+

Product data	STABURAGS NBU 12 K	STABURAGS NBU 30 K
Article number	017085	017025
Chemical composition, thickener	barium complex soap	barium complex soap
Chemical composition, type of oil	mineral oil	mineral oil
Lower service temperature	-15 °C / 5 °F	-10 °C / 14 °F
Upper service temperature	130 °C / 266 °F	130 °C / 266 °F
Colour space	brown	beige
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	275 x 0.1 mm	275 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	245 x 0.1 mm	245 x 0.1 mm



STABURAGS NBU 12 K, 30 K

Rolling and plain bearing greases

Product data	STABURAGS NBU 12 K	STABURAGS NBU 30 K
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 19 mm ² /s	approx. 31 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 220 mm ² /s	approx. 490 mm ² /s
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	0 corrosion degree	0 corrosion degree
Drop point, DIN ISO 2176, IP 396	>= 220 °C	>= 220 °C
Speed factor (n x dm)	approx. 350 000 mm/min	approx. 250 000 mm/min
Low-temperature torque, IP 186, -10°C, running		<= 100 mNm
Low-temperature torque, IP 186, -10 °C, start		<= 1 000 mNm
Low-temperature torque, IP 186, -15°C, running	<= 100 mNm	
Low-temperature torque, IP 186, - 15 °C, start	<= 1 000 mNm	
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months	60 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.

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.

Publisher and Copyright: Klüber Lubrication München SE & Co. KG. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication München SE & Co. KG and if source is indicated and voucher copy is forwarded.