

STABURAGS NBU 12 ALTEMP

Lubricating grease for plain and rolling bearings



Your benefits at a glance

- For plain and rolling bearings
- Good corrosion protection
- Resistant to hot water
- Suitable for assembly purposes
- Effective on lubrication points subject to external vibrations
- Protects against tribo-corrosion

Your requirements - our solution

STABURAGS NBU 12 ALTEMP is a mineral oil based lubricating grease for plain and rolling bearings operating at low to medium speeds. It has proven effective in lubricating points subject to external vibrations or oscillations. Containing solid lubricants, STABURAGS NBU 12 ALTEMP protects against fretting corrosion and is resistant to hot water.

Application

STABURAGS NBU 12 ALTEMP is used as a grease for rolling and plain bearings and for assembly purposes. It is suitable for slideways, threaded spindles, bearing seats and clamping chucks.

Application notes

The product is applied by brush, spatula or conventional metering systems. When used as an assembly grease, it is applied to the entire component surface by hand, using a piece of cloth or a brush.

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 ALTEMP
Cartridge 400 g	+
Can 1 kg	+
Bucket 30 kg	+
Drum 180 kg	+

Characteristics	STABURAGS NBU 12 ALTEMP
Article number	005018
Composition	solid lubricant
Composition, thickener	barium complex soap
Composition, type of oil	mineral oil
Colour space	beige
Functional lubricant film	approx. -40 °C
Service temperature, lower limit	-15 °C

STABURAGS NBU 12 ALTEMP

Lubricating grease for plain and rolling bearings



Characteristics	STABURAGS NBU 12 ALTEMP
Service temperature, upper limit	120 °C
Density, Klüber method: PN 024, 20°C	approx. 1.08 g/cm³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	245 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	275 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹	approx. 10000 mPas
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 19 mm²/s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 222.5 mm²/s
Dropping point, DIN ISO 22286 / IP 396	approx. 170 °C
Speed factor (n x dm)	350000 mm/min
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	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 95 years.

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