STABURAGS NBU 12 ALTEMP

Lubricating grease for plain and rolling bearings

Benefits for your application

- **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**

Description

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

Product data	STABURAGS NBU 12 ALTEMP
Article number	005018
Chemical composition	solid lubricant
Chemical composition, thickener	barium complex soap
Chemical composition, type of oil	mineral oil
Lower service temperature	-15 °C / 5 °F
Upper service temperature	120 °C / 248 °F
Colour space	beige
Density at 20 °C	approx. 1.08 g/cm³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	245 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	275 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 19 mm²/s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 222.5 mm²/s
Shear viscosity at 25 °C, shear rate 300 s-1; equipment:rotational viscometer	approx. 10 000 mPas

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Product data	STABURAGS NBU 12 ALTEMP
Functional lubricant film	approx. -40 °C
Speed factor (n x dm)	350 000 mm/min
Drop point, DIN ISO 2176, IP 396	approx. 170 °C
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 80 years.

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