STABURAGS NBU 30 PTM

Lubricating and assembly grease

Benefits for your application

- **Assembly grease protecting against tribo-corrosion**
- **Good corrosion protection**
- **Excellent resistance to water even under outdoor conditions**
- **Approved by the company Knorr Bremse, N 12006-37**

Description

STABURAGS NBU 30 PTM is an assembly grease containing a solid lubricant. It is resistant to water and protects against tribo-corrosion (fretting corrosion). It has proven effective in outdoor applications subject to high humidity.

Application

STABURAGS NBU 30 PTM is suitable as an assembly grease for applications incorporating sliding clearance fits. Applications include hot and cold water valves and taps, slideways (especially in filling machines), valve spindles and cylinder guides. The product can also be used as a sealing grease. In addition, it is suitable for the lubrication of slideways, bolts, spindles and screws, e.g. in railway bogie assemblies.

STABURAGS NBU 30 PTM is especially suitable for external brake components of rail vehicles, such as bolts and rods.

STABURAGS NBU 30 PTM facili-ates assembly and disassembly of ABS sensors in vehicles.

Application notes

Use the aerosol spray version of STABURAGS NBU 30 PTM for relubrication of railway brake parts where no grease nipple is incorporated. For optimum penetration into fine clearances we recommend spraying for at least 8 seconds. This will increase efficiency of brake rods in rail vehicles thus ensuring the longest maintenance intervals.

When used for assembly and lubricating purposes we recommend the lubricant be lightly applied to the component surfaces via a lint free cloth, by hand, or by brush.

STABURAGS NBU 30 PTM shows good adhesive strength at low temperatures down to min. -40 °C.

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 30 PTM
Tube 50 g	+
Can 1.2 kg	+
Bucket 30 kg	+

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Product data	STABURAGS NBU 30 PTM
Article number	017069
Lower service temperature	-10 °C / 14 °F
Upper service temperature	160 °C / 320 °F
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	275 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	245 x 0.1 mm
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 31 mm^2/s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 490 mm^2/s
Shear viscosity at 25 °C, shear rate 300 s-1; equipment:rotational viscometer	approx. 15 000 mPas
Drop point, DIN ISO 2176	>= 220 °C
Colour space	grey
Chemical composition	solid lubricant
Chemical composition, thickener	barium complex soap
Chemical composition, type of oil	mineral oil
Density at 20 °C	approx. 1.1 g/cm^3
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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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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