

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 facilitates 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. -55 °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	STABURAGS NBU 30 PTM Spray
Aerosol can 250 ml	-	+
Cartridge 450 g	+	-
Bucket 30 kg	+	-
Can 1.2 kg	+	-
Tube 50 g	+	-

Note

Except for the article number and the minimum shelf life, the spray data below refer to the solvent-free spray agent.



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Product data	STABURAGS NBU 30 PTM	STABURAGS NBU 30 PTM Spray
Article number	017069	081275
Chemical composition	solid lubricant	solid lubricant
Chemical composition, thickener	barium complex soap	barium complex soap
Chemical composition, type of oil	mineral oil	mineral oil
Lower service temperature	-10 °C / 14 °F	-10 °C / 14 °F
Upper service temperature	160 °C / 320 °F	160 °C / 320 °F
Colour space	grey	grey
Density at 20 °C	approx. 1.10 g/cm ³	approx. 1.10 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	245 x 0.1 mm	245 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	275 x 0.1 mm	275 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 490 mm ² /s	approx. 490 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 31 mm ² /s	approx. 31 mm ² /s
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ ; equipment:rotational viscometer	approx. 15 000 mPas	approx. 15 000 mPas
Drop point, DIN ISO 2176, IP 396	>= 220 °C	>= 220 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months	24 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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