

STABURAGS NBU 8 EP

Rolling bearing and high-pressure grease



Benefits for your application

- Good corrosion protection
- Good resistance to ambient media
- Good wear protection / EP properties
- Protects against tribo-corrosion
- High-pressure grease

Description

STABURAGS NBU 8 EP is a lubricating grease based on mineral oil and barium complex soap. It has been used successfully for many years as a long-term grease for bearings subject to high specific loads. Its good wear protection properties are enhanced by the barium complex thickener. STABURAGS NBU 8 EP protects reliably against corrosion and is resistant to water. It meets the requirements of DIN 51 807, dated May 1970: SKF-R2F test, test run B, 140 °C, and it achieves about 4000 operating hours in the SKF-ROF test at 120 °C.

Application

STABURAGS NBU 8 EP has proven efficient as a rolling bearing and high pressure grease protecting against wear. It is used in traction motors, journal bearings, electric motors, pumps, and tapered roller bearings.

Application notes

The product is 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 8 EP
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	STABURAGS NBU 8 EP
Article number	017105
NLGI grade, DIN 51818	2
NSF-H2 registration	135 684
Chemical composition, type of oil	mineral oil
Chemical composition, thickener	barium complex soap
Lower service temperature	-20 °C / -4 °F
Upper service temperature	140 °C / 284 °F
Colour space	brown
Density at 20 °C	approx. 0.99 g/cm ³



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Worked penetration, DIN ISO 2137, 25 °C, lower limit value	265 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	295 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 97 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 11.5 mm ² /s
Speed factor (n x dm)	approx. 500 000 mm/min
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	5 500 mPas
Shear viscosity at 25°C, shear rate 300 s ⁻¹ , equipment:rotational viscometer, upper limit value	9 500 mPas
Drop point, DIN ISO 2176	>= 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

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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