STABURAGS NBU 8 EP

Rolling bearing and high-pressure grease

Your benefits at a glance

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

Your requirements - our solution

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.

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	+
Bucket 50 kg	+

Characteristics	STABURAGS NBU 8 EP
Article number	017105
Composition, thickener	barium complex soap
Composition, type of oil	mineral oil
Colour space	beige
Service temperature, lower limit	-20 °C
Service temperature, upper limit	140 °C
NSF H2 registration number	135684
Density, Klüber method: PN 024, 20°C	approx. 0.99 g/cm³

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Characteristics	STABURAGS NBU 8 EP
NLGI grade, DIN 51818	2
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	265 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	295 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s^{-1}, lower limit	5500 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s^{-1}, upper limit	9500 mPas
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 11.5 mm^2/s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 97 mm^2/s
Dropping point, DIN ISO 22286 / IP 396	≥ 220 °C
FAG FE9 rolling bearing test, DIN 51821-2, based on standard, 1500 / 3000-140, service life F50	≥ 100 h
Four-ball tester: wear characteristics, DIN 51350-5, E: 1000 N, 1 min, wear scar diameter	≤ 1.8 mm
Speed factor (n x dm)	approx. 500000 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.

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