# 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/cm³ |

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| Product data | STABURAGS NBU 8 EP |
|---|---|
| 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 mm²/s |
| Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C | approx. 11.5 mm²/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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