

STABURAGS NBU 30

Lubricating grease with high resistance to ambient media



Your benefits at a glance

- Long component life due to good corrosion protection in humid and aggressive environment
- Good resistance to water, water vapour and many diluted alkaline and acidic solutions
- Good sealing characteristics with water, hot water, water vapour and aggressive media
- High wear protection in a wide range of mechano-dynamical loads and at high surface pressures
- NSF H2 registered

Your requirements – our solution

The industry imposes increasingly diverse and stringent requirements on lubricating greases. Many applications require greases offering good wear protection, high mechano-dynamical stability and water resistance.

For such requirements we developed STABURAGS NBU 30, a lubricating grease based on mineral oil and a barium complex soap.

STABURAGS NBU 30 offers good wear and corrosion protection as well as resistance to water and many diluted alkaline and acidic solutions, thus extending relubrication intervals and reducing operating costs.

Application

STABURAGS NBU 30 has been especially designed for use as sealing grease, for valves and fittings as well as for the lubrication of low-speed rolling and plain bearings subject to humidity, water vapour and aggressive media. Typical applications include bearings in conveyors (load rollers in wet areas), in textile machines for wet processing (festoon steamers, washing machines), and bearings of machines in the food-processing industry.

STABURAGS NBU 30 is NSF H2 registered.

Application notes

STABURAGS NBU 30 can be applied by spatula, brush or lever grease guns.

Friction points can be cleaned using commercial cleaning agents.

We recommend having the pumpability of STABURAGS NBU 30 in automatic lubrication systems checked by the manufacturer of the installation.

In general, plastics and elastomers which are resistant to mineral oil or mineral oil-based greases are compatible with STABURAGS NBU 30. Owing to the many different compositions of elastomers and plastics, we recommend checking their compatibility prior to series application.

If you wish to optimise the service life of your equipment or have any other questions regarding your application, our experts will be pleased to help you. We look forward to hearing from you.

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
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	STABURAGS NBU 30
Article number	017053
NSF-H2 registration	135 679
Chemical composition, type of oil	mineral oil

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Product data	STABURAGS NBU 30
Chemical composition, thickener	barium complex soap
Lower service temperature	-10 °C / 14 °F
Upper service temperature	150 °C / 302 °F
Colour space	beige
Texture	fibrous
Texture	homogeneous
Density at 20 °C	approx. 0.99 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	245 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	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
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 31 mm ² /s
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	10 000 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, upper limit value	20 000 mPas
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Drop point, DIN ISO 2176, IP 396	>= 220 °C
Flow pressure of lubricating greases, DIN 51805, test temperature: -10 °C	<= 1 400 mbar
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months





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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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