

Klüber Noxlub BN 2420

High-temperature grease for rolling bearings in pressure and corrugation rollers



Your benefits at a glance

- Reducing the amount of maintenance
 - through extended relubrication intervals
 - through good thermal stability

Your requirements - our solution

Klüber Noxlub BN 2420 consists of a special perfluorinated polyether oil and a sodium complex soap thickener. This powerful well-balanced product features excellent thermal stability, efficient protection against wear and good anti-corrosive properties for loaded roller bearings. Klüber Noxlub BN 2420 softens when worked, so that the rolling elements are evenly coated. It is easy to clean the bearings from waste grease by means of relubrication.

Application

Klüber Noxlub BN 2420 is particularly suitable for long-term high-temperature lubrication of well-sealed spherical or cylindrical roller bearings in pressure and corrugation rollers of cardboard corrugating machines. Even at bearing temperatures between 180 and 200°C, Klüber Noxlub BN 2420 offers extended relubrication cycles and economical maintenance.

Klüber Noxlub BN 2420 has over many years been successfully used for everyday operation in equipment made by various manufacturers.

Behaviour towards elastomers and plastics

Greases based on fluorinated polyether oils are neutral to most elastomer and plastic materials (possible exception: perfluorinated rubber). Nevertheless we recommend testing compatibility with the material to be used, especially prior to series application.

Application notes

For optimum lubrication results, we recommend cleaning the friction point with white spirit and then with Klüberalfa XZ 3-1 prior to initial lubrication.

The friction point has to be bright (i.e. free of oil, grease and perspiration) and free of contamination particles.

To optimise service life, please contact our technical sales staff.

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	Klüber Noxlub BN 2420
Cartridge 800 g	+
Can 1 kg	+

Characteristics	Klüber Noxlub BN 2420
Article number	090079
Composition, thickener	sodium complex soap
Composition, type of oil	PFPE
Colour space	white

Klüber Noxlub BN 2420

High-temperature grease for rolling bearings in pressure and corrugation rollers



Characteristics	Klüber Noxlub BN 2420
Service temperature, lower limit	-25 °C
Service temperature, upper limit	220 °C
Density, Klüber method: PN 024, 20°C	approx. 1.95 g/cm ³
NLGI grade, DIN 51818	2
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 24 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 220 mm ² /s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Flow pressure, DIN 51805-2, -30°C	≤ 1400 mbar
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 90 years.

Klüber Lubrication München GmbH & Co. KG /
Geisenhausenerstraße 7 / 81379 München / Germany /
phone +49 89 7876-0 / fax +49 89 7876-333.

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.

Publisher and Copyright: Klüber Lubrication München GmbH & Co. KG. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication München GmbH & Co. KG and if source is indicated and voucher copy is forwarded.