

# Klüber Noxlub BN 2420

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



## Benefits for your application

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

## Description

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](http://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	+
Bucket 10 kg	+

Product data	Klüber Noxlub BN 2420
Article number	090079
Chemical composition, type of oil	PFPE
Chemical composition, thickener	sodium complex soap
Lower service temperature	-25 °C / -13 °F
Upper service temperature	220 °C / 428 °F
Colour space	white
Density at 20 °C	approx. 1.95 g/cm <sup>3</sup>



# Klüber Noxlub BN 2420

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

Product data	Klüber Noxlub BN 2420
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 220 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 24 mm <sup>2</sup> /s
NLGI grade, DIN 51818	2
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Flow pressure of lubricating greases, DIN 51805, test temperature: -30 °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

## 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.

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