

Klübersynth HB 72-222

High-temperature grease for support and guide rollers in conveyor chains and systems



Your benefits at a glance

- Longer useful life of grease in high-temperature applications due to improved antiwear effect
- Optimised, paint-compatible grease for chain lubrication in car body paint shops
- Improved thermal stability also at elevated ambient temperatures

Your requirements - our solution

Klübersynth HB 72-222 is a new generation of synthetic high-temperature greases for the lubrication of support and guide rollers in conveyors. The product formulation does not contain any substances that are known to interfere with the application of paint such as silicone, PFPE or PTFE. This lubricant can therefore also be used on the conveyor chains of furnaces in paint shops. The thermally stable grease shows effective wear protection and a longer useful life as was determined in tests in comparison with other, similar greases.

Application

Klübersynth HB 72-222 was developed for the initial fill and relubrication of support and guide rollers in conveyor systems, e.g. in automated wet or powder paint shops. In view of the many different paint systems and customer-specific testing criteria regarding paint-compatible greases, relevant tests should be performed by the user prior to each series application in the automotive industry.

Application notes

Klübersynth HB 72-222 can be applied by means of spatula, brush, grease gun, grease cartridge or centralised lubricating systems.

If Klübersynth HB 72-222 is to be used in contact with elastomers or plastics, please check compatibility beforehand.

Prior to use in rolling bearings that already contain a grease, compatibility of the two lubricants should be checked and the bearing cleaned, if necessary. If the greases are miscible, the old grease can be replaced by means of relubrication.

If you have any other questions regarding your application, our experts will be happy 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	Klübersynth HB 72-222
Cartridge 400 g	+
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Characteristics	Klübersynth HB 72-222
Article number	094139
Composition, thickener	polyurea
Composition, type of oil	ester oil

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Characteristics	Klübersynth HB 72-222
Colour space	beige
Texture	homogeneous
Service temperature, lower limit	-15 °C
Service temperature, upper limit	200 °C
Density, Klüber method: PN 024, 20°C	approx. 0.97 g/cm ³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	270 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	300 0.1 mm
Dropping point, DIN ISO 2176 / IP 396	≥ 250 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 36 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.

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