

Klüberbeta DB 7-68

Synthetic oil for sintered metal plain bearings



Benefits for your application

- Low friction torque
- Resistant to oxidation
- Synthetic
- Good viscosity-temperature behaviour
- Lifetime lubrication of sintered metal plain bearings

Description

Klüberbeta DB 7-68 is a silicone oil based product for sintered metal plain bearings subject to high and low temperatures. Due to the special product formulation and additives, it covers a wide service temperature range, low friction torque and in many cases can even be used for lifetime lubrication of sintered metal plain bearings.

Application

The product is intended for use in sintered metal plain bearings in precision engineering, electrical applications and household appliances.

Application notes

Klüberbeta DB 7-68 is applied in a vacuum immersion process to fill the pores of sintered metal plain bearings.

By using an additional oil reservoir such as MIKROZELLA DB 47-62, the service life of the bearing can be clearly extended.

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	Klüberbeta DB 7-68
Canister 20 l	+

Product data	Klüberbeta DB 7-68
Article number	024010
Lower service temperature	-50 °C / -58 °F
Upper service temperature	180 °C / 356 °F
Colour space	colourless
Density, DIN 51757, 20 °C	approx. 0.98 g/cm ³
Refraction index, DIN 51423 pt. 02, at 20 °C	approx. 1.406
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 60 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 24 mm ² /s
Pour point, DIN ISO 3016	<= -65 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 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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