

Klüberoil Y F 100

High-temperature chain oil



Benefits for your application

- Chain oil for very high temperatures
- Good wetting properties
- Excellent penetration behaviour

Description

Klüberoil YF 100 is a polyalkylenglycol oil containing solid lubricants. It is suitable for the lubrication of chains operating at very high temperatures. It has good wetting properties, an excellent penetration behaviour and high stability.

Shake the container well before use to ensure an even distribution of the solid lubricant particles. Install a propeller stirrer in the lubricant container of central lubrication systems to stir the lubricant until homogeneous prior to each relubrication interval.

Application

Klüberoil YF 100 is suitable for the lubrication of transport chains used in the food processing industry, e.g. plate carrier chains in bread baking ovens. It can also be used on drive and control chains in melting furnaces used in the metal industry and on other chains subject to high temperatures.

Service temperature range

Klüberoil YF 100 is suitable for temperatures up to 500 °C, with dry lubrication being gradually reached above 200 °C.

Once applied to the chain, the lubricant is functional down to approx. – 30 °C. When using an automatic lubrication system observe the manufacturer's instructions on viscosity limits.

Application notes

Klüberoil YF 100 is applied by brush, oil can or automatic lubricating devices. We recommend relubricating the chains at a temperature below 150 °C or when completely cool.

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.

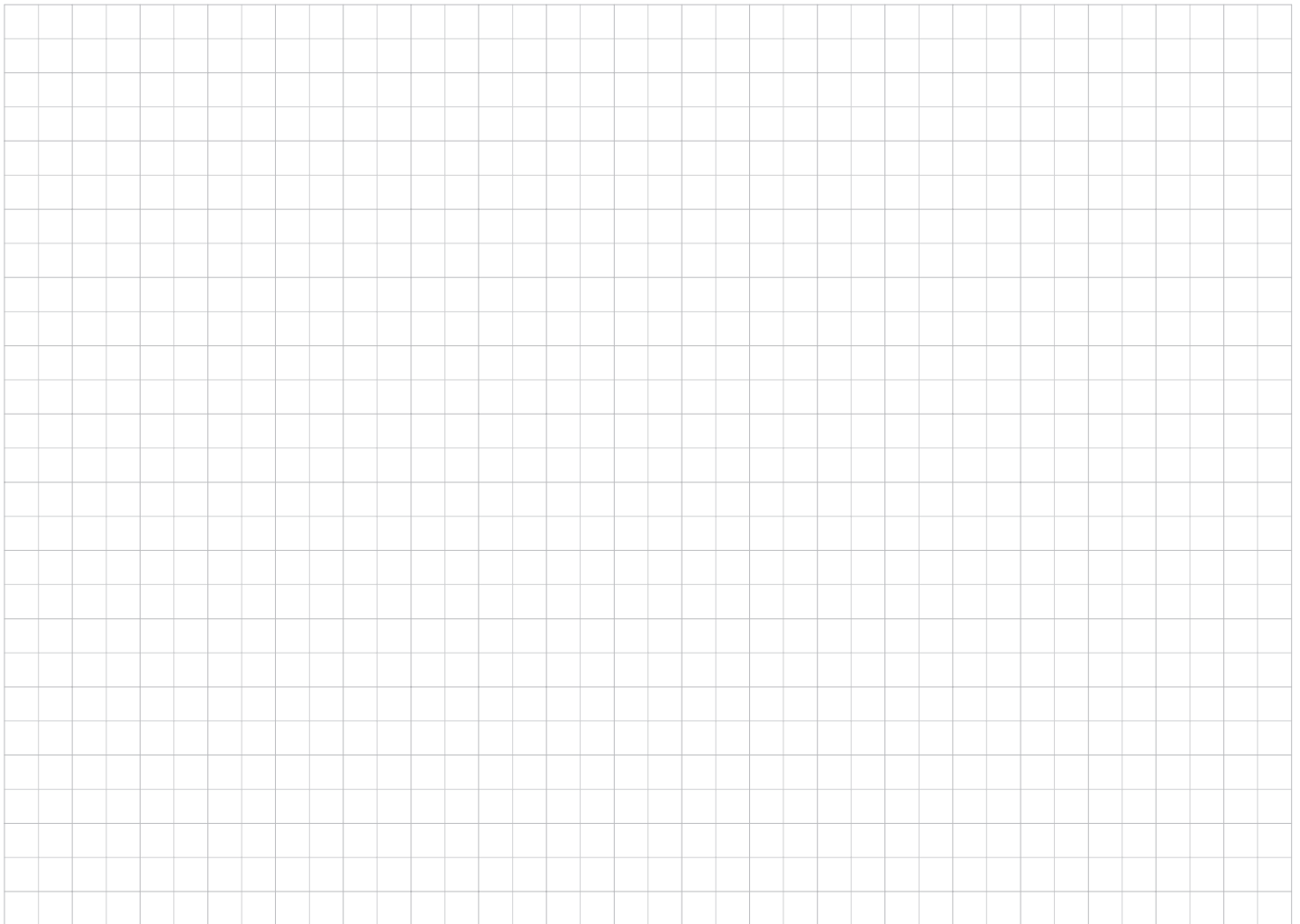
Pack sizes	Klüberoil Y F 100
Canister 5 l	+

Product data	Klüberoil Y F 100
Article number	002110
Colour space	black
Texture	liquid
Density, DIN 51757, 20 °C	approx. 1.04 g/cm ³
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 20 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 120 mm ² /s
Runout time, DIN EN ISO 2431, with flow cups, nozzle 6 mm	approx. 100 s
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 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.

**Klüber Lubrication München SE & Co. KG /
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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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