

# 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.

Klüberoil YF 100 has been authorized by the U.S. Department of Agriculture (USDA H2 registration).

## 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.

## 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.

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.

## 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.

## 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	Klüberoil Y F 100
Canister 5 l	+

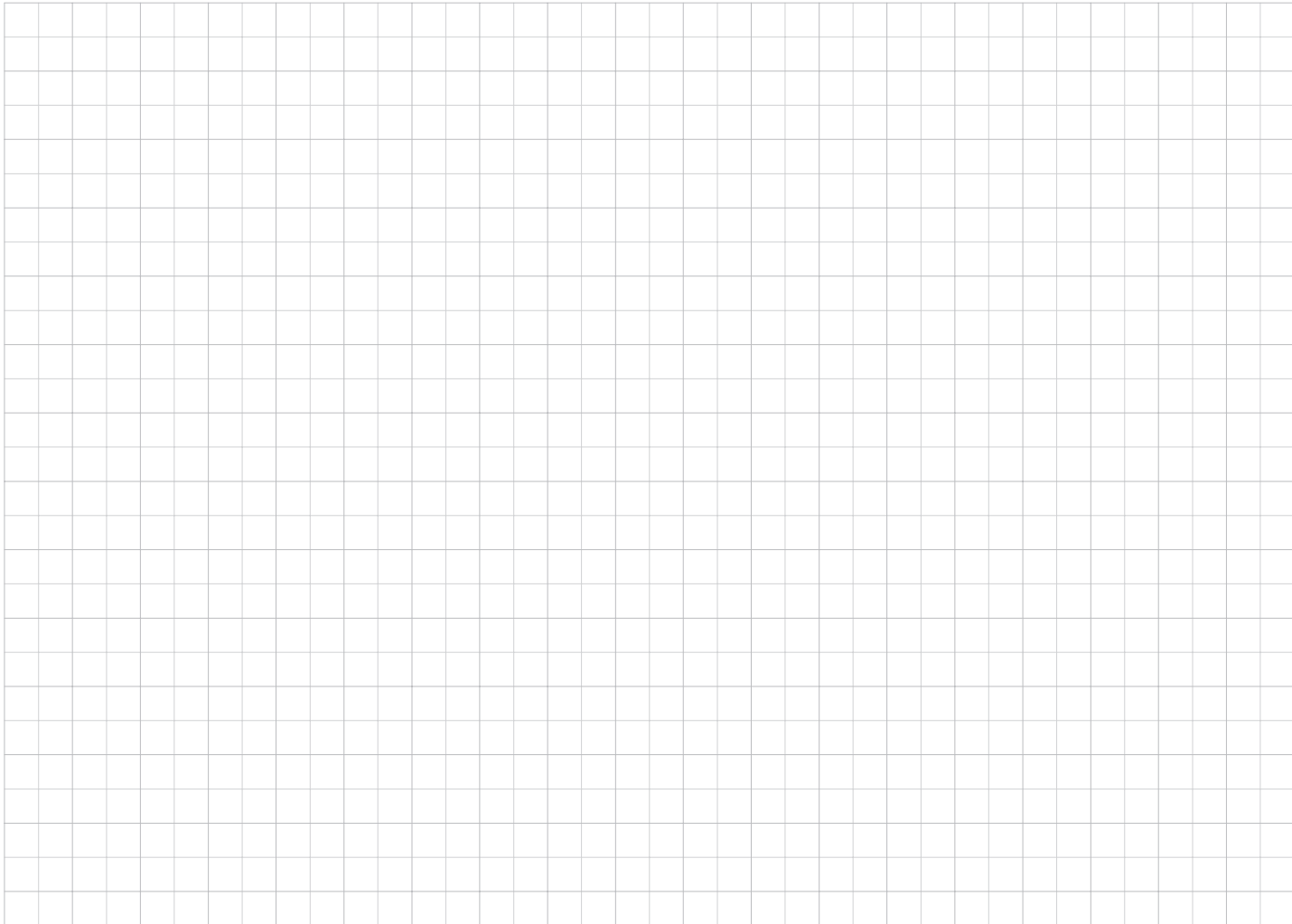
  

Product data	Klüberoil Y F 100
Article number	002110
Colour space	black
Texture	liquid
Density, DIN 51757, 20 °C	approx. 1.04 g/cm <sup>3</sup>
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 20 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 120 mm <sup>2</sup> /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.

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