

# Klübersynth CH 2-100 N, 220, 260

High-temperature chain oils



## Your benefits at a glance

- Synthetic ester oil for low continuous relubrication quantities at high temperatures up to 250 °C
- Good wear protection results in extended chain life even at temperatures above 200 °C
- Clean chains and easy relubrication due to low residue formation
- No mechanical cleaning of chains required
- Low energy consumption due to low chain friction and good lubricant film formation
- Paint-compatible raw materials to avoid paint defects and reworking

## Your requirements - our solution

All chain users aim at minimising lubricant consumption volumes to enhance their profitability. At the same time, they expect good wear protection and low residue formation to keep maintenance costs low.

Our synthetic ester oils clearly meet these requirements. With our Klübersynth CH 2 series, we have found the right solution for you.

## Application

The Klübersynth CH 2 series oils were developed for the lubrication of drive, control and conveyor chains operating at high temperatures. Applications of this kind are found, for example, in the surface treatment and coating of industrial goods.

Other possible applications are:

- Conveyors used by automotive suppliers, metalworking companies, furniture and white goods makers
- Driers, e.g. for gypsum boards

## Application notes

Klübersynth CH 2 oils can be applied by means of drip lubrication, automatic lubricating systems, oil can or brush.

When using an automatic system, observe the manufacturer's instructions on the maximum allow-able viscosity which can be used. In view of the many different paint systems and testing criteria, paint compatibility tests should be performed by the user prior to series application.

In case of contact with elastomers and plastics their resistance to oils of the Klübersynth CH 2 series should be checked.

Please contact us for support in optimising relubrication intervals and quantities.

## 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	Klübersynth CH 2-100 N	Klübersynth CH 2-100N Spray	Klübersynth CH 2-220	Klübersynth CH 2-260
Aerosol can 400 ml	-	+	-	-
Canister 5 l	+	-	+	+
Canister 20 l	-	-	+	+
Drum 200 l	+	-	+	+

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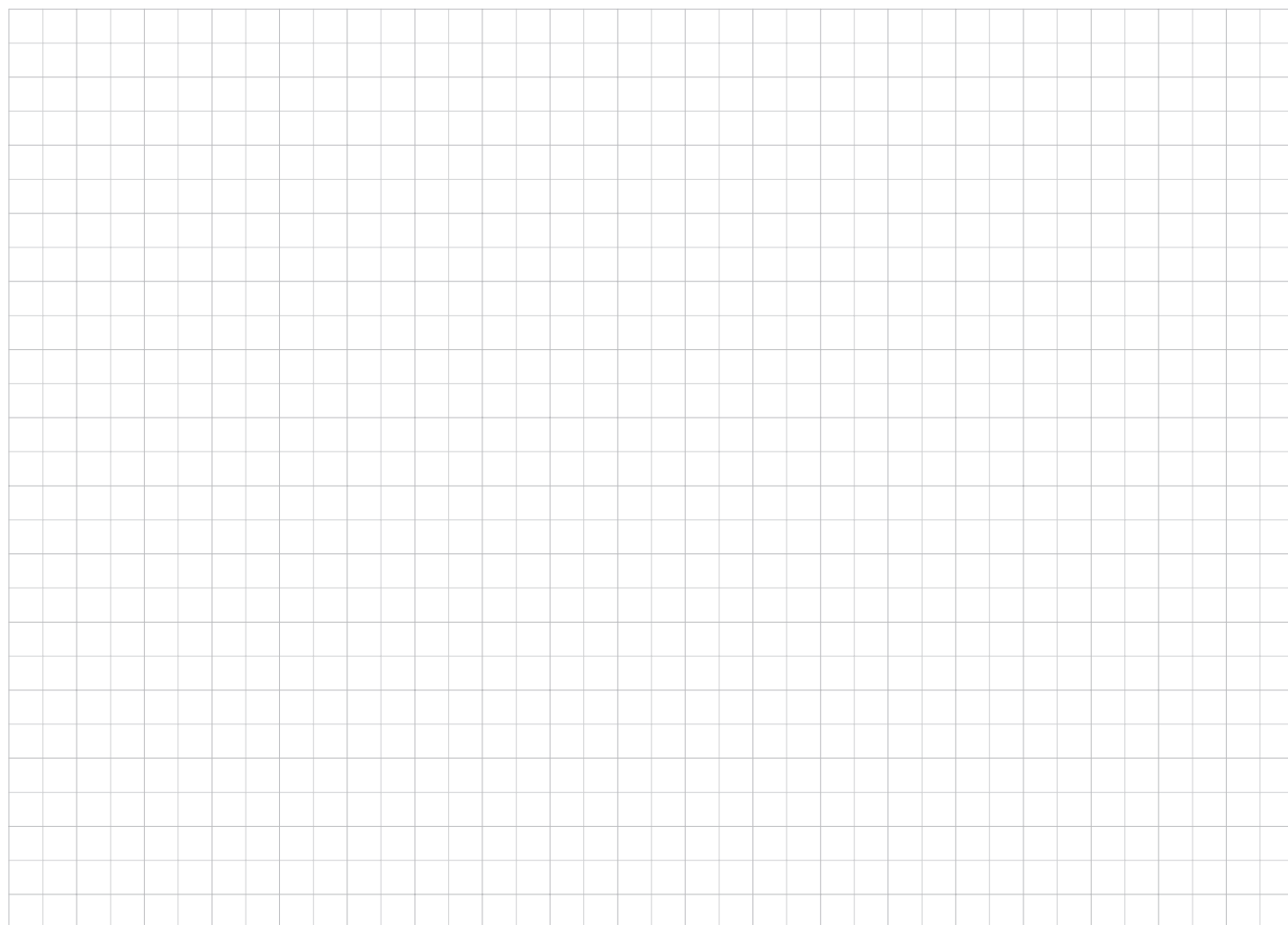
Product data	Klübersynth CH 2-100 N	Klübersynth CH 2-100N Spray	Klübersynth CH 2-220	Klübersynth CH 2-260
Article number	002135	081306	002127	002126
Chemical composition, type of oil	ester oil	ester oil	ester oil	ester oil
Chemical composition, type of oil			synthetic hydrocarbon oil	synthetic hydrocarbon oil
Lower service temperature	0 °C / 32 °F	0 °C / 32 °F	0 °C / 32 °F	0 °C / 32 °F
Upper service temperature	250 °C / 482 °F	250 °C / 482 °F	250 °C / 482 °F	250 °C / 482 °F
Appearance	clear	clear	clear	clear
Colour space	yellow	yellow	yellow	yellow
Density, DIN 51757, 20 °C	approx. 0.91 g/cm <sup>3</sup>	approx. 0.91 g/cm <sup>3</sup>	approx. 0.92 g/cm <sup>3</sup>	approx. 0.92 g/cm <sup>3</sup>
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 100 mm <sup>2</sup> /s	approx. 100 mm <sup>2</sup> /s	approx. 220 mm <sup>2</sup> /s	approx. 260 mm <sup>2</sup> /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 14 mm <sup>2</sup> /s	approx. 14 mm <sup>2</sup> /s	approx. 25 mm <sup>2</sup> /s	approx. 28 mm <sup>2</sup> /s
Viscosity index, DIN ISO 2909	>= 135	>= 135	>= 130	>= 140
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months	36 months	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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