Klübersynth H2 C 2-260

High-temperature chain oil for spiral ovens

Benefits for your application

- **Reduced energy con-sumption and wear**
- **Low evaporation loss, thus reduced oil consumption, fume formation, and contamination**
- **Good adhesion and spreading properties, therefore better penetration and coating within the lubricating points**
- **Good load carrying capabilities**
- **Increased chain life, thus reduced capital expenditure**
- **Reduced residues without lacquer-like build-ups**
- **Easier chain cleaning, thus less downtime for routine maintenance**

Description

Klübersynth H2 C 2-260 is a special high-temperature oil developed for chains exposed to very elevated temperatures. The special additive combination contained in Klübersynth H2 C 2-260 allows a controlled wear protection and provides a stable lubricating film.

Application

Klübersynth H2 C 2-260 is intended for use on chains exposed to high temperatures in spiral ovens used in bread/bun baking as well as meat/poultry cooking. These chains are exposed to sliding and rolling friction typically prevailing in traditional roller and skate chains and their guide rails. Klübersynth H2 C 2-260 is used for a sustained temperature of 250 °C while still providing a sufficient lubricating film for the rollers, balls, pins and rails.

Application notes

According to experience gained on test rigs and from practice, Klübersynth H2 C 2-260 does not form any lacquer-like residues when correctly applied. Chains and rails should always be coated with a thin film of oil. In the case of irregularly lubricated points subject to excessive heat, powdery residues may form. When fresh oil is applied at the recommended intervals, the residue will regenerate, thus ensuring a return to normal lubrication.

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 H2 C 2-260
Canister 5 l	+
Canister 20 l	+
Drum 200 l	+

Product data	Klübersynth H2 C 2-260
Article number	002045
Chemical composition, type of oil	ester oil
Chemical composition, type of oil	synthetic hydrocarbon oil
Upper service temperature	250 °C / 482 °F
Appearance	clear
Colour space	yellow
Density, DIN 51757, 20 °C	approx. 0.92 g/cm³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C, lower limiting value	240 mm²/s

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Product data	Klübersynth H2 C 2-260
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C, upper limiting value	280 mm²/s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C, lower limiting value	27.4 mm²/s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C, upper limiting value	30.4 mm²/s
Viscosity index, DIN ISO 2909	>= 140
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 260 °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 80 years.

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