

Klübersynth H2 C 2-260

High-temperature chain oil for spiral ovens



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.

Klübersynth H2 C 2-260 conforms to the NSF/H2 classification.

Minimum shelf life

The storage time is approximately 24 months if the product is stored in a dry, frost-free place in the closed original container.

Pack sizes

5 l canister
20 l canister
200 l drum

Current material safety data sheets can be downloaded from our website www.klueber.com or requested from Klüber Lubrication.

Klübersynth H2 C 2-260

- Reduced energy consumption 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

Product data

Colour, aspect	Yellow to orange, clear
Base oil	Ester oil, special synthetic hydrocarbon oil
Service temperature range*, °C, up to approx.	250
Density, DIN 51 757 at 20 °C, [g/cm ³], approx.	0.91
Kinematic viscosity, DIN 51 561 [mm ² /s] at 40 °C	240-280
at 100 °C	26.5-28
Viscosity index (VI), DIN ISO 2909, approx.	150
Flash point, DIN EN ISO 2592, Cleveland, open cup, [°C], approx.	260

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure, and temperature. These changes in product characteristics may affect the function of a component.

The data in this product information is based on our general experience and knowledge at the time of printing 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 tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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