Klübersynth CHX 2-220

High-temperature chain oil for transport- and conveyor chains in the automotive industry

Benefits for your application

- **Improved process reliability due to tested compatibility with modern cathodic immersion paint systems**
- **Lower lubricant consumption due to very good resistance to oxidation and ageing**
- **Low residue formation, soluble in fresh oil, reducing maintenance and repair costs**
- **Long chain life due to very good wear protection, reducing investment and repair costs**

Description

Klübersynth CHX 2-220 is a high-temperature oil especially developed with the know-how of a leading automotive paint manufacturer. Due to its compatibility with modern cathodic immersion paint systems it increases process reliability for the operator. Information on paint compatibility tests and their results can be obtained on request.

The new type of ester base oil offers better resistance to ageing, and any residues are dissolved by relubrication with fresh oil. Residue formation is low, which means less maintenance and repairs.

Application

Klübersynth CHX 2-220 was developed for chain lubrication at high temperatures from 120 °C to approx. 250 °C.

The product is used for the lubrication of the conveyor chain and the oven chain in cathodic immersion painting as well as for all other chain applications in the car body paint section.

Application notes

Klübersynth CHX 2-220 can be applied by customary centralised lubricating systems.

In view of the many different paint systems and customer-specific testing criteria, paint compatibility tests should be performed by the user prior to series application.

Should Klübersynth CHX 2-220 come into contact with elastomers or plastics, its compatibility with these materials should also be tested.

Continuous minimum-quantity lubrication enables long chain life. Klüber Service can advise on an optimisation of relubrication intervals and quantities.

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 CHX 2-220
Canister 5 l	+
Canister 20 l	+

Product data	Klübersynth CHX 2-220
Article number	002161
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition, type of oil	ester oil
Lower service temperature	-5 °C / 23 °F
Upper service temperature	250 °C / 482 °F
Colour space	yellow
Density, DIN 51757, 20 °C	approx. 0.95 g/cm³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 220 mm²/s

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Product data	Klübersynth CHX 2-220
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 22 mm²/s
Viscosity index, DIN ISO 2909	>= 115
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 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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