

Klübersynth CH 6-110 N

High-performance chain oil



Your benefits at a glance

- Clean and easy-to-relubricate chains due to lower residue formation
- Very good paint compatibility using a polyglycol base oil
- Enables requested service lifetime of the chain due to good wear protection
- Excellent friction behaviour of the polyglycol base oil reduces energy consumption

Your requirements - our solution

Reliable operation, low maintenance efforts and cost are important factors for the operators of transport and lifting chains. Therefore, Klüber Lubrication developed Klübersynth CH 6-110 N, a high-temperature chain oil based on a thermally stable polyglycol. It is especially designed for the lubrication of chains in the automotive industry.

The selected base oil has a high viscosity index and contributes to the formation of an efficient lubricating film even at high temperatures. In addition, it offers a low friction value that reduces wear.

Klübersynth CH 6-110 N is compatible with most of the modern paints used in the automotive industry.

Application

Klübersynth CH 6-110 N has been designed for the lubrication of transport and lifting chains in paint shops in the automotive industry.

Klübersynth CH 6-110 N can also be used for high-temperature chain applications in conveyor systems requiring minimum residue formation, e.g.

- suppliers to the automotive industry
- manufacturers of household appliances
- metal surface treatment plants

Application notes

Klübersynth CH 6-110 N can be applied by means of commercial lubrication systems suitable for polyglycols and lubricating oils of ISO VG 100 grade.

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 the case of contact with elastomers and plastics their resistance to Klübersynth CH 6-110 N has also to be checked.

Please contact our technical sales staff for further information and support where required.

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 CH 6-110 N
Canister 1 l	+
Canister 20 l	+
Drum 200 l	+
Characteristics	Klübersynth CH 6-110 N
Article number	002186

Klübersynth CH 6-110 N

High-performance chain oil



Characteristics	Klübersynth CH 6-110 N
Composition, type of oil	polyalkylenglycol
Colour space	yellow
Service temperature, lower limit	-20 °C
Service temperature, upper limit	200 °C
Density, DIN 51757, 20°C	approx. 1.04 g/cm ³
Flash point, DIN EN ISO 2592, Cleveland open cup	≥ 220 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 110 mm ² /s
Viscosity index, DIN ISO 2909	≥ 190
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 60 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 90 years.

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