

Klübersynth CZ 2-85

Special cleaning and flushing oil for chain-system in film stretchers



Your benefits at a glance

- Easy application
- Higher productivity due to reduced downtime
- Less frequent servicing due to optimum lubricant backflow throughout the chain system
- Lower energy consumption due to optimum lubrication conditions

Your requirements - our solution

Operators and OEMs of film stretchers have to meet constantly growing requirements: failure-free operation, reduced downtime and increasing energy savings. This cannot be fully attained with conventional high temperature chain oils. A significant improvement of this situation is achieved if the cleaning process takes place regularly. This requires a special chain cleaning oil.

Klübersynth CZ 2-85 is an efficient cleaning oil for your film stretching machinery. Through our partnership with the international OEMs and operators of film stretching machinery, we have a 40-year history of in-depth expertise in the development of high-temperature chain oils.

Klübersynth CZ 2-85 offers you a matching solution for the continuous operation of film stretchers. This special low-viscosity, thermally stable cleaning and flushing oil based on ester oil with additional lubricating and cleaning substances was developed in our research and test lab in cooperation with our customers.

The composition of Klübersynth CZ 2-85 allows it to dissolve used oil which has become pasty and flush dirt and wear particles out of the chain track system. This reduces wear and extends the necessary service intervals. The cleaning effect of Klübersynth CZ 2-85 also reopens narrowed clearances, resulting in optimised lubrication of friction points and a reduction in energy consumption.

Furthermore, Klübersynth CZ 2-85 was developed as a flushing oil for the oil change-over of the chain system.

Application

Klübersynth CZ 2-85 is a fully synthetic high-temperature oil that was especially developed for cleaning conveyor chain sliding systems and pins in biaxial high-speed film stretchers.

Klübersynth CZ 2-85 is used as a flushing oil. The chain system and oil-containing parts of the system should be flushed with Klübersynth CZ 2-85 this reinforces the effect of the changeover.

Application notes

Klübersynth CZ 2-85 is miscible with PRIMIMUM SUPER, PRIMIMUM SUPER M93 or Klübersynth CH 2-280. We recommend, however, using it undiluted so that it can release its full benefits.

Klübersynth CZ 2-85 is not miscible with PRIMIMUM FLUID SPECIAL.

The cleaning process with Klübersynth CZ 2-85 has to take place outside of film production. Afterwards the system has to be operated at idle with the chain oil for some time until the lubricant reaches all lubrication points.

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 CZ 2-85
Canister 1 l	+
Canister 20 l	+
Drum 200 l	+

Klübersynth CZ 2-85

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Characteristics	Klübersynth CZ 2-85
Article number	002144
Composition, type of oil	ester oil
Appearance	clear - turbid
Colour space	yellow
Service temperature, upper limit	180 °C
Density, Klüber method: PN 024, 20°C	approx. 0.98 g/cm ³
Flash point, DIN EN ISO 2592, Cleveland open cup	≥ 190 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 10.5 mm ² /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 85 mm ² /s
Viscosity index, DIN ISO 2909	≥ 105
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 90 years.

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