

PRIMIUM SUPER

High-temperature oil for sliding and roller chains in film stretching machines



Benefits for your application

- Reduced chain wear resulting in longer chain life
- Energy-related cost savings from reduced friction
- Low oil consumption due to high oxidation stability and low evaporation loss at higher temperatures
- Simplified maintenance due to low residue formation

Description

Film stretching machines normally operate continuously. In view of these demanding operating conditions the chain oil is of critical importance to the equipment's economic efficiency.

PRIMIUM SUPER has been designed to comply with these stringent production requirements. The additives contained in PRIMIUM SUPER focus on:

- low chain wear with reduced friction values on chain pins, guides, outer bearing rings and rails
- good oxidation stability at high temperatures
- high chain speeds and process temperatures
- low evaporation losses at high temperatures
- minimum change in viscosity at the friction point during longer periods of standstill
- low residue formation
- good pumpability in central lubrication systems

Owing to its unique composition, PRIMIUM SUPER offers the following advantages to operators of film stretching equipment:

- low operating costs
- low maintenance costs due to longer service life of chains
- high economic efficiency due to high availability of the installation and high film quality with consistent manufacturing performance

PRIMIUM SUPER is compatible and miscible with PRIMIUM SUPER M 93, Klübersynth CH 2-280 and Klübersynth CZ 2-85.

Application

PRIMIUM SUPER is a fully synthetic high-temperature oil for the lubrication of conveyor chain systems in biaxial film stretching machinery. This special chain oil has been approved by Andritz-Biax (formerly DMT) and successfully used by manufacturers of film stretching equipment for many years.

Application notes

PRIMIUM SUPER is an NSF H2-registered product and approved for use for the manufacture of packing films in the food-processing and tobacco industries.

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	PRIMIUM SUPER
Canister 5 l	+
Canister 20 l	+
Drum 200 l	+



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Product data	PRIMIUM SUPER
Article number	067108
NSF-H2 registration	147 535
Chemical composition, type of oil	ester oil
Upper service temperature	250 °C / 482 °F
Appearance	clear
Colour space	yellow
Density, DIN 51757, 20 °C	approx. 0.97 g/cm ³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 300 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 26 mm ² /s
Viscosity index, DIN ISO 2909	>= 100
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 270 °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.

**Klüber Lubrication München SE & Co. KG /
Geisenhausenerstraße 7 / 81379 München / Germany /
phone +49 89 7876-0 / fax +49 89 7876-333.**

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