

# Berusynth CU 250

Part-No. 9306509

Synthetic high performance chain oil



## Product description

Berusynth CU 250 is a synthetic high performance chain oil designed for the lubrication of transport and conveyor chains in a wide temperature range, especially at high temperatures up to 250 °C.

### Industries

- Food industry
- Paper industry
- Textiles and apparel industry

### Examples of application

- Conveyor chains in stenters and drying frames in the textile industry
- Conveyor chains in paint shops
- Stone wool and glass wool production
- Lift chains in high-level rack storage facilities
- Production of dipped latex rubber gloves
- Drying ovens
- Shrink tunnels
- Machines in bakeries and the beverage industry (filling)
- Machines in the printing industry
- Lubrication of steel ropes

### Properties

- Very good wetting and creeping properties
- Low evaporation rate even at high temperatures
- No critical residue formation
- Good corrosion protection
- High wash-out resistance
- Adhesion resistant, therefore no spin-off or drip-off when properly dosed
- Hot and cold water resistant
- High load carrying capacity
- Reduces friction while providing excellent wear protection
- Wide operating temperature range
- Economic in use
- Adjusted to the BECHEM chain cleaner Berusynth CC 100

### Registration

- H2-registered

### NSF-Registration no.

143650

### Certificates

- Halal
- Kosher

## Characteristic data

Type	Unit	Value	Standard
Base oil		Ester	
Color/Appearance		light yellow*	
Kinematic viscosity at 40 °C	mm <sup>2</sup> /s	250	DIN 51562
Kinematic viscosity at 100 °C	mm <sup>2</sup> /s	24	DIN 51562
Viscosity index		120	DIN ISO 2909
Working temperature range	°C	250	
Working temperature range	°F	482	
Density at 15 °C	g/cm <sup>3</sup>	0,938	DIN 51757
Flash point	°C	≥ 250	DIN ISO 2592

# Berusynth CU 250

Part-No. 9306509

Synthetic high performance chain oil

Type	Unit	Value	Standard
Pourpoint	°C	-45	DIN ISO 3016
Denomination according to DIN 51502		ANELP 250	

\* A possible increase in color saturation when subjected to light does not affect the oil quality

## Instructions for use

- A possible increase in colour saturation when subjected to light does not affect the oil quality

contact form on our website [www.bechem.de/kontakt](http://www.bechem.de/kontakt) or by e-mail to [bechem@bechem.de](mailto:bechem@bechem.de).

Please read the safety data sheet prior to use to learn about precautions and safety instructions. Always comply with the applicable safety provisions and the intended use. You can request a copy of the current safety data sheet using the

## Other delivery forms

- Berusynth CU 250 Spray (Part-No. 5342419)

## Important notes

The information and technical data contained in this data sheet concerning the fields of application and processing for the product listed above are based on our knowledge and experience at the time of printing. Unless otherwise stated, this information is provided solely for reference and does not constitute a specification or warranty of quality in a particular instance. Many factors such as the relevant fields of application and the operating and working conditions are beyond the control of BECHEM. **For this reason, we cannot guarantee the suitability of our products for a specific purpose or application on the part of the customer. The delivery of our products and our liability are subject exclusively to our general sales and delivery conditions. These are available online at [www.bechem.de/agb.html](http://www.bechem.de/agb.html).**

Information regarding material compatibility is based on extensive laboratory testing and literature references. Due to the large number of plastics used and their raw materials as well as the complex chemical and morphological polymer structure, the indications regarding compatibility are solely a reflection of general trends. In order to ensure that the product is used correctly for individual orders and particularly for serial production, we recommend that the supplier carries out its own trials and application tests in advance and confirms the compatibility of the product or carries out thorough laboratory tests.

**Please refer to the current safety data sheet for information regarding: Hazardous material labelling, safety provisions, and regulations on storage and transport, and take any necessary precautions to protect property and persons.**

Because BECHEM products are subject to continuous development, CARL BECHEM GMBH and its associated companies reserve the right to make changes to the technical data in this data sheet at any time.

Visible variations in the product color of each batch as well as changes in the color of delivered products are technically possible and even probable for some products (for instance, due to the influence of temperature on raw materials). These processes are normal and confirmed by BECHEM raw material suppliers. They have no impact on the serviceability, service life, and quality of the products.

BECHEM and BECHEM Rhusblüte are registered trademarks of CARL BECHEM GMBH. Logos, pictograms, and illustrations depicted in this data sheet are subject to copyright protection and may not be reproduced, modified, or disseminated without the express permission of BECHEM.

---

**Technical Product Information**

Revision: 2021\_12\_01, 13:51

Page 3/3



**BECHEM**  
LUBRICATION  
TECHNOLOGY

# Berusynth CU 250

**Part-No. 9306509**

**Synthetic high performance chain oil**

---

For further information and more detailed product data, please contact us at: [info@bechem.com](mailto:info@bechem.com) or [bechem@bechem.de](mailto:bechem@bechem.de).



High loads



High temperatures



Chains



Corrosion protection