

# HOTEMP 2000

High-temperature lubricating oil



## Your benefits at a glance

- Thermally stable, for use up to approx. 230 °C
- Good adhesion to friction points, long-term lubricating effect and low consumption
- Good creeping and penetration, hence lower consumption and easy application
- Resistant to centrifuging, therefore reduced risk of environmental contamination
- Insoluble in water, good wash-off resistance

## Your requirements - our solution

HOTEMP 2000 is an advanced, fully synthetic high-temperature oil for friction points that are normally lubricated manually.

HOTEMP 2000 is resistant to temperatures and does not decompose thermally into hard, lacquer-like residues that may stiffen or seize chain joints.

### Application

HOTEMP 2000 is used for lubrication points subject to high thermal loads as are common in chains, slideways, gears, wire ropes, guideways or cams.

It is not washed off and penetrates well into chain joints and friction points.

HOTEMP 2000 is preferably used for temperatures up to approx. 230 °C. A durable, load-carrying lubricant film is attained even at

these high temperatures.

## Application notes

HOTEMP 2000 can be applied manually by brush or automatically by drip feeders or a spray system.

Klüber will be pleased to provide information on suitable equipment.

HOTEMP 2000 is also available as a spray (Art. No. 081133).

When applied, HOTEMP 2000 forms a highly adhesive lubricant film that resists centrifuging and water wash-off.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	HOTEMP 2000
Canister 1 l	+
Canister 5 l	+
Drum 200 l	+
Characteristics	HOTEMP 2000
Article number	002087
Composition, type of oil	ester oil , synthetic hydrocarbon oil
Appearance	clear
Colour space	green

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Characteristics	HOTEMP 2000
Service temperature, lower limit	0 °C
Service temperature, upper limit	230 °C
Flash point, DIN EN ISO 2592, Cleveland open cup	≥ 230 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 126 mm <sup>2</sup> /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 2000 mm <sup>2</sup> /s
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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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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