

# HOTEMP 2000 Spray

High-temperature lubricating oil in aerosol form for manual lubrication



## Benefits for your application

- High thermal stability
- Good adhesion to friction points, long-term lubricating effect
- Good creeping and penetration, hence lower consumption
- Resistant to centrifuging, therefore reduced risk of contamination
- Insoluble in water, good wash-off resistance

## Description

HOTEMP 2000 Spray is an advanced, synthetic high-temperature lubricant in aerosol form for friction points that are normally lubricated manually.

Following evaporation of the solvent, HOTEMP 2000 Spray forms an even, thin and highly adhesive lubricant film.

## Application

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

HOTEMP 2000 Spray is also an ideal lubricant for motorcycle chains (also O-ring chains). It is not washed off and penetrates well into chain joints and friction points.

HOTEMP 2000 Spray forms a durable, load-carrying lubricant film even at high temperatures. For the ideal service temperature, please refer to the product data.

## Application notes

Ensure sufficient ventilation when processing HOTEMP 2000 Spray as explosive mixtures may form.

Do not spray against naked flame or onto hot or incandescent objects. Observe additional instructions for use in material safety data sheet and on can label.

When applied, HOTEMP 2000 Spray forms a highly adhesive lubricant film that resists centrifuging and water wash-off. It is economical in use thanks to its adjustable nozzle. The spray jet can be changed from vertical to horizontal to ensure application of the right quantity at the desired lubrication point.

Sprays should not be exposed to direct sunlight and temperatures above 50 °C.

## 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 Spray
Aerosol can 400 ml	+

Product data	HOTEMP 2000 Spray
Article number	081133
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition, type of oil	ester oil
Chemical composition, solvent	hydrocarbon
Lower service temperature	0 °C / 32 °F
Upper service temperature	250 °C / 482 °F
Appearance	clear
Colour space	green



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Product data	HOTEMP 2000 Spray
Density, DIN 51757, 20 °C	approx. 0.94 g/cm <sup>3</sup>
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 2 000 mm <sup>2</sup> /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 126 mm <sup>2</sup> /s
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 230 °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.

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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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