

# HOTEMP 2000 Spray

High-temperature lubricating oil in aerosol form for manual lubrication



## Benefits for your application

- **Thermally stable, for use up to approx. 250 °C**
- **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.

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.

## 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 is preferably used for temperatures up to approx. 250 °C. A durable, load-carrying lubricant film is attained even at these high temperatures.

## Minimum shelf life

The minimum shelf life is approx. 36 months if the product is stored in its unopened original container in a dry, frost-free place.

Protect against direct sunlight and temperatures above 50 °C.

## Material safety data sheets

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

## Application notes

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

Minimum sales quantity:

12 x 400 ml spray cans

| Pack sizes         | HOTEMP 2000 Spray |
|--------------------|-------------------|
| Aerosol can 400 ml | +                 |



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| Product data   | HOTEMP 2000 Spray                |
|--|----------------------------------|
| Article number   | 081133                           |
| Upper service temperature  | 250 °C / 482 °F                  |
| Lower service temperature  | 0 °C / 32 °F                     |
| Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C | approx. 126 mm <sup>2</sup> /s   |
| Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C  | approx. 2 000 mm <sup>2</sup> /s |
| Density, DIN 51757, 20 °C  | approx. 0.94 g/cm <sup>3</sup>   |
| Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus          | >= 230 °C                        |
| Chemical composition, type of oil                                    | synthetic hydrocarbon oil        |
| Chemical composition, type of oil                                    | ester oil                        |
| Chemical composition, solvent  | hydrocarbon                      |
| Appearance   | clear                            |
| Colour space   | green                            |

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

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