

# Klüberbio Z 2-5

Readily biodegradable rust removing agent



## Benefits for your application

- Eco-friendly, because readily biodegradable
- Easy to apply, as ready-to-use and easily spray-applied
- Less cleaning required, because fully synthetic product with no tendency to gumming
- Less maintenance required as the product provides a cleaning, lubricating and anticorrosion effect at the same time

## Description

Klüberbio Z 2-5 is a thin-bodied, fully synthetic, rust-removing agent with excellent penetration properties. This special penetrating oil provides reliable lubrication and corrosion protection without formation of unwanted gum or residues.

## Application

### Rust removing agent

For all corroded parts, e.g. screws, bolts, hinges, sliding fits etc. The fluid distributes and penetrates readily. Thin localised corrosion films are dissolved quickly by contact with the lubricant. Extreme corrosion films may take slightly longer to dissolve.

### Lubricant

Reliable lubrication of chains, bearings, springs, sliding points, wire ropes, locks, hinges, antennas and joints. Application of a thin lubricating film reduces friction and wear considerably.

## Cleaning agent

Removes residues and bitumen on large girth gear and pinion drives when changing lubricants and provides good corrosion protection.

## Application notes

Klüberbio Z 2-5 is supplied ready-to-use. Application may be via brush, aerosol, or hand sprayer Klübermatic KD. Apply the product to the corrosion spots and allow to soak.

## 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	Klüberbio Z 2-5	Klüberbio Z 2-5 Spray
Canister 5 l	+	-
Bucket 25 l	+	-
Aerosol can 400 ml	-	+

## Note

Except for the article number and the minimum shelf life, the spray data below refer to the solvent-free spray agent.

Product data	Klüberbio Z 2-5	Klüberbio Z 2-5 Spray
Article number	009008	081223
Colour space	yellow	yellow
Appearance	clear	clear
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 5 mm <sup>2</sup> /s	approx. 5 mm <sup>2</sup> /s



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Product data	Klüberbio Z 2-5	Klüberbio Z 2-5 Spray
Density, DIN 51757, 20 °C	approx. 0.88 g/cm <sup>3</sup>	approx. 0.88 g/cm <sup>3</sup>
Biodegradability according to OECD 301 F, (within 28 days)	>= 60 %	
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months	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.**

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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