

# Klüberpaste R 11-502

Special paste for lubrication of plastic materials and prevention of stick-slip and noise



## Benefits for your application

- Noise prevention
- Prevention of stick-slip
- For plastic/plastic sliding pairings (e.g. POM)
- For use with NBR and other rubber-elastic materials
- Highly adhesive
- Resistant to water

## Description

Klüberpaste R 11-502 is a special paste containing solid lubricants used for the lubrication and noise-prevention in plastic-plastic material pairings, e.g. in sliding or dampening elements made of thermoplastics, and in particular POM-POM pairings.

Due to the carefully designed combination with solid lubricants, the difference between static and sliding friction is minimised, which enables Klüberpaste R 11-502 to prevent creaking noises even in relatively elastic materials like plastics, and even under high loads.

## Application

Various components in power transmission applications that are subject to mechano-dynamic or static loads such as power gears (for dampening), adjustment gears in automotive engineering (e.g. for window lifters, sun roofs, seat adjustment, roll-up shades, etc.) or similar applications.

## Application notes

The lubricant can be applied by means of spatula, brush or mechanical grease gun. Suitability for application and metering by means of automatic systems should be checked with the equipment manufacturer.

## 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	Klüberpaste R 11-502
Bucket 30 kg	+

  

Product data	Klüberpaste R 11-502
Article number	005119
Chemical composition	PTFE
Chemical composition, solid lubricant	graphite
Chemical composition, thickener	aluminium complex soap
Chemical composition, type of oil	mineral oil
Colour space	black
Texture	pasty
Density at 20 °C	approx. 1.17 g/cm <sup>3</sup>



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NLGI grade, DIN 51818	2
Drop point, DIN ISO 2176, IP 396	>= 250 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 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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