

Klübertec H 2-502

Hot extrusion and forging dispersion



Benefits for your application

- Hot extrusion and forging dispersion with a high forming capacity
- Economic application (e.g. 0.7 g per engine valve)
- Easy application
- Long tool life
- Reduction of scrap
- Improvement of process security during hot extrusion

Description

Klübertec H 2-502 is a mineral/fatty oil dispersion containing an additive package and graphite. It is ready for use and, in spite of the solid lubricant contents, very resistant to sedimentation.

Application

Klübertec H 2-502 is especially suitable for the lubrication of dies and mandrels in

- forging and hot extrusion of high alloy and high-temperature steel in accordance with DIN 17 006 and DIN 17 007,
- hot extrusion and hollow pressing of Cu alloys,
- hot extrusion of Al alloys,
- hot extrusion of inlet and exhaust valves in internal combustion engines

Application notes

Klübertec H 2-502 is ready for use and is applied to the die by

- spraying,
- brushing,
- dripping.

Klübertec H 2-502 is very resistant to sedimentation. However, it should be stirred well before use when stored for more than 3 months.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klübertec H 2-502
Bucket 25 l	+

Product data	Klübertec H 2-502
Article number	042153
Density, DIN 51757, 20 °C	approx. 1.07 g/cm ³
Colour space	black
Texture	viscous
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ ; equipment:rotational viscometer	approx. 330 mPas
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months



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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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