

Description

Klüber[®] SK 01-205 is a high performance sizing oil for sintered metals. It has a synthetic base, contains water, and can be further diluted with water. Due to its composition, Klüber[®] SK 01-205 shows very good performance, especially in the difficult task of sizing sintered metals.

Application

Klüber[®] SK 01-205 is free of chlorine and ester, and the solvent is water. It has proven effective for the sizing of sintered metals. It shows very good performance especially with materials that are difficult to size.

Application notes

Klüber[®] SK 01-205 is a ready-to-use sizing oil. It can be applied by brush, spraying or immersion. The product is highly concentrated, and we recommend to mix it at a ratio of 1:3 with tap water. The lubricant becomes fully effective as soon as the lubricant film is free of water. Water evaporation can be accelerated by heating the components to be lubricated to 50–70 °C after application of the product. Klüber[®] SK 01-205 is an ideal product for splash lubrication of components in mass production.

A mixture of 1:9 with tap water should be used with parts that are easier to size. For additional treatment, the parts can be cleaned by Klüber[®] ZW 01-006. For improved corrosion protection, it may be necessary to protect the parts with Klüber[®] synth MZ 4-17.

Remark

This product is also suitable for other applications (see product information 5.73e).

Minimum shelf life

The minimum shelf life is approx. 6 months if the product is stored in its unopened original container in a dry place protected from frost. If required, let the frozen product thaw at room temperature. The product will return to its original state and be fully serviceable.

Klüber[®] SK 01-205

- Low friction coefficient
- Free from chlorine and ester
- Solvent-free
- Long sizing tool life
- Good wear protection

Pack size

15 l metal bucket

Product data

Colour	white
Texture	fluid
Density, DIN 51 757, at 20 °C, g/ml, approx.	0.99
PH-value, approx.	9
Viscosity, DIN ISO EN 2431 at 20 °C, flow cup, nozzle 3 mm, sec., approx.	30

The data in this product information is based on our general experience and knowledge at the time of printing 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 tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



Klüber Lubrication, a member of the Freudenberg group

Publisher and Copyright:
Klüber Lubrication München KG

Reprints, total or in part, are permitted if source is indicated and voucher copy is forwarded.

Klüber Lubrication München KG
Geisenhausenerstraße 7, 81379 München, Deutschland
☎ +49 89 7876-0, Telefax +49 89 7876-333, www.klueber.com