

Klüberoil CA 1-460

Adhesive chain oil for humid environments



Benefits for your application

- Excellent corrosion protection
- Good wear protection
- Good adhesion

Description

Klüberoil CA 1-460 is a mineral chain oil for humid environments. It is adhesive and shows good corrosion and wear protection properties.

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.

Application

Klüberoil CA 1-460 is used for the lubrication of drive, control and conveyor chains exposed to water and steam, and for other lubrication points operating in a humid environment, such as sliding and guide rails, bearings, spindles and joints.

Application notes

Klüberoil CA 1-460 can be applied through drip-feed or automatic lubrication systems, by oil feeder or by brush. When applying it through automatic systems it is important to observe the manufacturer's instructions on maximum viscosity.

Pack sizes	Klüberoil CA 1-460
Canister 5 l	+
Canister 20 l	+

Product data	Klüberoil CA 1-460
Article number	002113
Lower service temperature	-5 °C / 23 °F
Upper service temperature	120 °C / 248 °F
Colour space	brown
Density, DIN 51757, 20 °C	approx. 0.94 g/cm ³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 460 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 23 mm ² /s
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 150 °C
Anticorrosive properties on steel, DIN ISO 7120, method A, steel, 24 h/60 °C	no rust corrosion degree



Klüberoil CA 1-460

Adhesive chain oil for humid environments

Product data	Klüberoil CA 1-460
Corrosion protection behaviour, DIN EN ISO 6270-2, condensation water in alternating atmosphere, 40 °C, material steel ST 37, corrosion after	>= 20 cycles
Pour point, DIN ISO 3016	<= -5 °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.

Publisher and Copyright: Klüber Lubrication München SE & Co. KG. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication München SE & Co. KG and if source is indicated and voucher copy is forwarded.



a company of the Freudenberg Group