

WOLFRACOAT C

High-temperature lubricating paste



Benefits for your application

- Easier assembly and disassembly of power-locking connections
- Reliable lubrication under mixed-friction and high-load conditions owing to ageing-resistant solid lubricants

Description

Wolfracoat C is a grey high-temperature lubricating paste containing metal solid lubricant pigments (e.g. copper, graphite). Wolfracoat C counteracts excessive friction, wear and seizing at lubricating points subject to high loads. Wolfracoat C forms a thermally stable lubricating film. At temperatures above 200 °C, the solid lubricants remain in the friction points and protect against tribocorrosion and fretting of e.g. fits up to 1200 °C.

Application

Wolfracoat C is suitable for use as an assembly paste to lubricate power-locking connections and low-speed (plain) bearings subject to high temperatures. Typical applications are in power plants, the steel industry, cement manufacture and similar industrial areas.

Application notes

Apply the paste to clean surfaces or threads. It is important to obtain a uniform and coherent layer which is as thin as possible. Any excess can be removed with e.g. a leather cloth.

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	WOLFRACOAT C
Bucket 30 kg	+

Product data	WOLFRACOAT C
Article number	099113
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition, thickener	silicate
Chemical composition	solid lubricant
Lower service temperature	-30 °C / -22 °F
Upper service temperature	1200 °C / 2192 °F
Colour space	grey
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	270 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	310 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 110 mm ² /s
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	5 000 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, upper limit value	9 000 mPas
Four-ball tester, welding load, DIN 51350 pt. 04	>= 3 400 N
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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