WOLFRACOAT C

High-temperature lubricating paste

Your benefits at a glance

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

Your requirements - our solution

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 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
Cartridge 400 g	+
Can 500 g	+
Can 1,2 kg	+
Bucket 30 kg	+
Drum 200 kg	+

Characteristics	WOLFRACOAT C
Article number	099113
Composition	solid lubricant
Composition, thickener	silicate
Composition, type of oil	synthetic hydrocarbon oil
Colour space	grey
Service temperature, lower limit	-30 °C
Service temperature, upper limit	1200 °C
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	270 0.1 mm

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Characteristics	WOLFRACOAT C
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	310 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s^{-1}, lower limit	5000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s^{-1}, upper limit	9000 mPas
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 110 mm^2/s
Four-ball tester, welding load, DIN 51350-4	≥ 3000 N
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 95 years.

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