WOLFRACOAT C FLUID

High-temperature lubricating compound

Your benefits at a glance

- Very good corrosion protection → increased component lifetime
- Ready-for-use → just mix vigorously
- Low consumption → low costs, high efficiency
- Easy application → reduces maintenance time
- Easier to mix in smaller canisters → less effort required
- No part-used stock → the 5 l pack size matches the tank of the Klübermatic KD spray pump

Your requirements - our solution

WOLFRACOAT C FLUID is a viscous high-temperature release agent and lubricating compound based on a mineral and ester oil mixture. It contains solid lubricants, metal pigments and an inorganic thickener. The base fluid starts to evaporate at approx. 200°C, leaving a solid lubricant film, which separates frictional surfaces (dry lubrication).

Application

WOLFRACOAT C FLUID was developed as a lubricating compound for surfaces subject to high thermal loads, as e.g. in rotary kilns in the base material industry (chemical industry, cement, ore processing, etc.) between the inner surfaces of the tyres and the kiln shell's slide elements as well as the running surfaces of the axial supports. WOLFRACOAT C FLUID is also suitable for the lubrication of pouring ladles used in the steel industry, and could also be used as a screw compound for high-temperature bolt and screw connections.

Application notes

WOLFRACOAT C FLUID is usually applied to the area between the tyre and the kiln shell with the Klübermatic KD manual spray jet equipment (other commercially available spray devices can also be used). In other cases the product can also be applied by brush. Each tyre should be relubricated once a week with 2-3 litres of WOLFRACOAT C FLUID according to the tyre width. It is important to ensure relative motion between the tyre and the kiln shell. We recommend reference to the relative motion value stated by the OEM (between 10 and 30 mm).

NOTE: Always shake WOLFRACOAT C FLUID vigorously prior to application, as the solid lubricants tend to settle out during storage. Without agitation, the spray jet would be filled only with the oil component, which would not provide dry lubrication following evaporation. Additionally, the oil component has an auto-ignition point of approx. 370 °C which may constitute a risk.

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 FLUID
Canister 1 l	+
Canister 5 l	+
Canister 20 l	+
Drum 200 l	+

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High-temperature lubricating compound

Characteristics	WOLFRACOAT C FLUID
Article number	099118
Solid lubricants	approx. 16 % by weight
Colour space	grey
Texture	homogeneous , very viscous
Service temperature, lower limit	-25 °C
Service temperature, upper limit	1050 °C
Density, Klüber method: PN 024, 20°C	approx. 1.03 g/cm³
Ignition Point, DIN 51794	≥ 370 °C
Worked penetration, Klein, 25°C, lower limit	800 0.1 mm
Worked penetration, Klein, 25°C, upper limit	900 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 150 mm²/s
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 90 years.

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