

WOLFRACOAT C FLUID

High-temperature lubricating compound

Benefits for your application

- **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
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Description

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). WOLFRACOAT C FLUID is free of raw materials or solid matter containing bitumen, solvents, heavy metals or chlorine.

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).

Caution: 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.

Minimum shelf life

The minimum shelf life is approx. 24 months if the product is stored in its unopened original container in a dry, frost-free place.



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High-temperature lubricating compound

Pack sizes

5 l canister
20 l canister

Material Safety Data Sheets

Material safety data sheets can be downloaded or requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Product data	
Colour	grey, metallic, copper
Texture	homogeneous, viscous
Density at 20 °C, DIN 51 757, g/cm ³ , approx.	1.05
Solid particle contents, approx.	16 %
Penetration acc. to Klein at 25 °C, [0.1 mm]	850 ± 50
Kinematic base oil viscosity** DIN 51562 pt. 1, Ubbelohde, 40 °C [mm ² /s], approx.	150
Auto ignition temperature, [°C] *	≥ 370
Application by Klübermatic KD manual spray equipment, [°C] by brush or spatula, [°C]	0 to 80 down to -15
Efficient lubricant film [°C] * (lowest temperature)	down to -25
Thermal load limit in case of dry lubrication [°C]* (highest temperature)	Up to 1050

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

** The values are based on a one-time measurement and serve for information only. They do not constitute an assurance of values/properties of the series-produced product.


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