

WOLFRAKOTE TOP PASTE

High-temperature paste



Description

WOLFRAKOTE TOP PASTE is a high-temperature paste suitable for a temperature range between – 25 and 1000 °C.

It has a chemical composition of hydrocarbon oil and inorganic solid lubricants.

Above a temperature of 200 °C WOLFRAKOTE TOP PASTE functions as a dry lubricant.

Application

WOLFRAKOTE TOP PASTE has proven effective for the initial lubrication of chains. It is also suitable for screws, bolts and hinges subject to high temperatures because it prevents burning-in.

In pressure die casting of nonferrous metals WOLFRAKOTE TOP PASTE is used as a burn-in dressing for pouring ladles, dies, ingates and runners. It is also suitable as a separating paste for electric heating cartridges in hot chamber machines, and as an assembly and separating paste for die sets, ejectors, core slides and core pullers.

Application notes

NOTE:

Always apply WOLFRAKOTE TOP PASTE in a thin layer!

Clean the friction point with a solvent and remove all residues and separating layers, such as corrosion protection agents, to ensure optimum adhesion of WOLFRAKOTE TOP PASTE, then apply the paste evenly across the entire surface. In the case of machine screws make sure that the paste is also applied to the underside of the screw head. Thus it is possible to obtain an optimum preload force during tightening and to disassemble the parts even when they were subject to high temperatures.

If WOLFRAKOTE TOP PASTE is applied for the first time to a screw that has already been subject to high temperatures, remove any residues in the thread and on the underside of the screw head.

Minimum shelf life

The minimum shelf life is approx. 12 months if the product is stored in its unopened original container in a dry place.

WOLFRAKOTE TOP PASTE

- High-temperature paste suitable up to 1000 °C
- Prevents burning-in of bolts, hinges and screw connections
- Functions as a long-term dressing in the pressure die casting of nonferrous metals and prevents sticking of the molten metal for a long time; easy relubrication without machine shutdown
- Facilitates die assembly and disassembly after an extended period of production
- Meets the specification of automobile manufacturers and suppliers (e.g. FORD ESA-M1C194-A, LUCAS TS 2-33-03, BENDIX DT 3.G.02.16)

Pack size

750 g can
600 g grease cartridge
30 kg drum

Current material safety data sheets can be downloaded from our website www.klueber.com or requested from Klüber Lubrication.

WOLFRAKOTE TOP PASTE

High-temperature paste



Product data

Colour	light grey
Density, DIN 51 757 at 20 °C, g/cm ³ , approx.	1.3
Service temperature range*, °C	– 25 to 1000 dry lubrication above 200 °C
Consistency, NLGI grade	1
Flow pressure, DIN 51 805, at – 25 °C, mbar	< 1400
Four-ball test, DIN 51 350 Pt 4, N	> 3600

* 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 data in this product information is based on our general experience and knowledge at the time of printing 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 tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



Klüber Lubrication, a member of the Freudenberg group