

# WOLFRAKOTE TOP PASTE

High-temperature paste



## Benefits for your application

- Reliable dry lubrication at high to extreme temperatures
- Prevents seizure of e.g. bolts and hinges
- Tried-and-tested long-term ladle dressing during casting of nonferrous metals

## Description

WOLFRAKOTE TOP PASTE is a grey high-temperature paste based on high-quality hydrocarbon oils and temperature-resistant solid lubricants.

At "normal temperatures" WOLFRAKOTE TOP PASTE is an efficient high-pressure lubricating and assembly paste showing high adhesive strength on metals. At permanently high temperatures the solid lubricants contained in WOLFRAKOTE TOP PASTE remain in the friction contact area and counteract adhesive wear due to seizing or material transfer.

## Application

WOLFRAKOTE TOP PASTE has proven effective for the initial lubrication of chains at high temperatures. It can also be used for the lubrication of screws, bolts and hinges exposed to extreme temperatures.

In casting of nonferrous metals WOLFRAKOTE TOP PASTE is used as a heat-activated dressing for pouring ladles, dies, mould gates and runners.

WOLFRAKOTE TOP PASTE is also suitable as a separating and assembly paste for die sets, ejectors, sliding cores and as a separating paste for electric heating cartridges in hot chamber casting machines.

## Application notes

WOLFRAKOTE TOP PASTE adheres best in pre-cleaned surfaces which are free of grease, residues or separating layers formed by anticorrosion agents. After cleaning, a thin layer of WOLFRAKOTE TOP PASTE can be applied evenly across the entire surface using a medium hard, non-hair-shedding brush, leather cloth or plastic sponge.

Using the brush attached to the can lid helps protect the product from being contaminated, e.g. with other products. If required, the brush can be screwed off easily.

WOLFRAKOTE TOP PASTE containers should be kept closed at all times to protect the product from contamination.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	WOLFRAKOTE TOP PASTE
Cartridge 600 g	+
Can 750 g	+
Bucket 30 kg	+

Product data	WOLFRAKOTE TOP PASTE
Article number	089003
Lower service temperature	-25 °C / -13 °F
Upper service temperature	1000 °C / 1832 °F
Colour space	grey
Density at 20 °C	approx. 1.30 g/cm <sup>3</sup>
Flow pressure of lubricating greases, DIN 51805, test temperature: -25 °C	<= 1 000 mbar



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Product data	WOLFRAKOTE TOP PASTE
Four-ball tester, welding load, DIN 51350 pt. 04	$\geq 3\ 600\ \text{N}$
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	300 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	330 x 0.1 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 months

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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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