

## Ceramic Paste

### DESCRIPTION

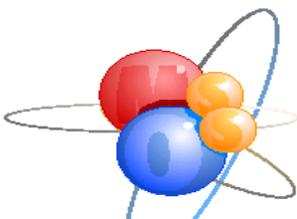
Ceramic Paste is a partially synthetic, metal-free universal paste which has been formulated for the most demanding applications. The combination of a partially synthetic base oil, a mature additive technology and the most state-of-the-art solid lubricants from the area of high-tech ceramics has produced a high-performance paste for universal use.

### PROPERTIES

- prevents seizing and cold welding
- prevents stick-slip behaviour even for high surface pressures
- very stable in the presence of hot and cold water as well as most acids and alkalis
- does not attack any known sealing materials
- very high load-carrying capacity
- prevents brake noise
- non-toxic

### TECHNICAL DATA

Colour	: white	
Basis	: synthetic oil/mineral oil	
Thickener	: inorganic thickeners and light solid lubricants	
Density at 20 °C	: 1.42 g/cm <sup>3</sup>	
Drop point	: none	
Operating temperature range	: -40 °C to +200 °C short term +250 °C	
as lubricating paste	: -40 °C to +1400 °C	
as separating paste	: approx. 340	
Unworked penetration	: approx. 100 mm <sup>2</sup> /s	
Base oil viscosity 40 °C	: approx. 100 mm <sup>2</sup> /s	
<u>Tests with mixed friction</u>		
Four-ball test/weld force	: 3800/4000 N	DIN 51 350.4
Friction numbers	-thread	: 0.10 DIN 946
	-Press-fit test	: 0.08 LFW-4 no stick-slip
SRV (cylinder/plate; 450 N, 1,000 µm, 50 Hz, 2h)		
- Friction number	: 0.10 - 0.13	
- Depth of wear	: 0.3 µm	
<u>Corrosion protection tests</u>		
Salt-spray test	: 500 h	DIN 50021



## APPLICATION

Used for lubricating all types of high-load sliding surfaces. Used especially for low slide speeds and/or oscillating movements. and for screw, plug-in and bayonet connectors made from steel and non-ferrous metals.

Separation of components subject to heat stress, such as internal combustion engines, turbines and motor vehicle brake systems.

Corrosion protection of bolts, pins, studs, flanges, spindles and seatings in refineries, steel and cement works as well as shipping and agricultural engineering.

## INSTRUCTIONS

Before treating with Ceramic Paste, all components must be clean and free from residues, dirt and moisture. Apply to cleaned surfaces using a paint brush, brush or lint-free cloth. Apply the amount which is appropriate for the application.

## AVAILABLE PACK SIZE

Ceramic Paste	50 g	tube	Part no. 3418 D-GB-E
	200 ml	spray-can with brush	Part no. 3415 D-GB-I-E-P
	250 g	can with brush	Part no. 3420 D-GB-I-E-P
	1 kg		Part no. 3413 D-GB-I-E-P
	20 kg		Part no. 8874 GB

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**Our information is based on thorough research and may be considered reliable, although not legally binding.**

