



# ZAP GREASE CHISEL PASTE

## Description

ZAP Grease CHISEL Paste is a fumed silica thickened lubricating paste based on a high viscosity mineral base oils blend. The Chisel Paste is designed for the lubrication of high demanding friction points operating under extreme pressure and at very high temperature. It contains very fine Copper and Graphite powders to provide superior protection against wear and extend lubricated equipment life. A blend of the finest additives ensure protection against corrosion and excellent adhesiveness to the metal surface.

## Application

ZAP Grease CHISEL Paste is specially developed to lubricate socket tools and bushings of hydraulic and pneumatic hammers and drills. It extends service period between tools bushing replacement.

The paste can be applied manually, with grease gun or via central lubrication system.

Use ZAP Grease CHISEL Paste to lubricate bolts, screws, screw and bayonet connections, pivot joints, all types of plug tools and other industrial equipment where extreme pressure, anti-seize lubricant is required, except bearing applications.

Operating temperature range as a Paste:  
from -20 to 1100°C

### Warning:

ZAP Grease CHISEL Paste is not suitable for lubrication of roller and sliding bearings.

## Product data

Stock No. Z-21  
400 g Pull-Off Cartridge  
24 Cartridges per Box  
50 Boxes per Pallet  
Barcode Cartridge / Box: 4752134000802 / 4752134000826  
Other Packages on Request  
Shelf Life: 5+ years (from date of manufacture)

## Technical data

Characteristics	Test Method	Unit	Typical Value
NLGI grade	ASTM D 217	-	2/3
Thickener		-	Fumed Silica
Colour	Visual	-	Copper-Grey
Base Oil		-	Mineral
Base Oil Viscosity at 40°C	EN ISO 3104	mm <sup>2</sup> /s	320
Appearance	Visual	-	Smooth, Homogenous
Cone Penetration, Worked	ISO 2137	1/10 mm	245 – 285
Dropping Point	ISO 6299	°C	>305
Four-Ball Weld Load	ASTM D2596	kgf	815
Operating Temperature Range as a Paste		°C	-20°C to 1100°C

## Performance Features

- Extra High Load Carrying Capacity**  
 Withstands the highest loads: four-ball weld load 815 kgf. Extends equipment and moving components life under continuous shock-loaded and vibration conditions.
- Excellent Thermal Stability**  
 The special inorganic fumed silica thickener makes it suitable for applications at very high temperature up to 1100°C.
- Protection against rust and corrosion**  
 Provides excellent protection from rust and corrosion.
- Highly Adhesive to the Surfaces**  
 Ensures excellent adhesiveness to the metal surface, resistant to water wash-out.
- Superior Protection Against Wear**  
 Forms protective layer on fitting surfaces, ensures highly effective lubrication to critical points of friction.
- Contains Copper & Graphite Powders**  
 High content of Copper and Graphite powders are reducing wear and friction. Protects against fretting wear, seizing and corrosion, improves thermal stability.



Above characteristics are mean values given as information for guidance purposes only.

No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the product