Product information
Ceramic Paste

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Description
Metal-free universal paste for the most demanding applications. With a partially synthetic base oil, sophisticated additive technology and state-of-the-art solid lubricants from the area of high-tech ceramics.



Properties
- good water resistance
- highest load-carrying capacity
- resistant to certain organic acids and alkalis
- prevents stick slip
- prevents seizing and cold welding
- does not attack common sealing materials
- prevents brake noise

Technical data

Color / appearance	white
Base	synthetic/mineral oil
Thickener	inorganic thickening agents and white solid lubricants
Density	1,08 g/ml
Operating temperature range	-40 - +1400 °C as a separating paste
Unworked penetration	ca. 340
Base oil viscosity 40°C	ca.100 mm²/s
Four-ball tester material load/weld force	3800/4000 N DIN 51 350,4
Friction numbers - thread	0,1 DIN 946
Pressfit test (no stick slip)	0,08 LFW-4
SRV (cylinder/plate; 450 N, 1,000 µm, 50 Hz, 2 h) - friction number	0,10-0,13 µm coefficient of friction

Areas of application
For lubrication of all kinds of high-load sliding surfaces. Especially for low slide speeds and oscillating movements. Also for screw, plug-in and bayonet connectors made from steel and non-ferrous metals. For separation of components subject to heat stress, such as combustion engines, turbines and motor vehicle brake systems. As corrosion protection for bolts, pins, studs, flanges, spindles and seatings in refineries, steel and cement works as well as shipping and agricultural engineering.

Application
Before treating, parts must be clean and free from residues, dirt and moisture. Apply to cleaned surfaces using a paint brush, brush or lint-free cloth. Amount depends on area of use and application.

Available pack sizes

50 g Tube plastic	3418 DE-EN-ES
50 g Tube plastic	21701 HU-PL-RO
250 g Brush-in-cap can sheet metal	3420 DE-EN-ES-IT-PT
1 kg Can sheet metal	3413 DE-EN-ES-IT-PT

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

LIQUI MOLY GmbH
Jerg-Wieland-Str. 4
89081 Ulm-Lehr

Phone: +49 (0)731/1420-0
Fax: +49 (0)731/1420-82
e-mail: info@liqui-moly.de

Technical hotline: +49 (0)731/1420-871
www.liqui-moly.com