Product information
Ceramic Paste

PI 30/09/12/2024

Description



Ceramic paste is a modern, multifunctional formulation that can be used for most common standard paste applications. Due to its high adhesion and temperature resistance, Ceramic Paste can be used as a release agent, for lubrication and to protect against corrosion and wear. Suitable for use with aluminum and magnesium materials.

Properties

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

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 - +2552 °F as a separating paste
Unworked penetration	ca. 340
Base oil viscosity 104 °F	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

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.

Application

Clean the surfaces thoroughly before use. Do not apply on friction surfaces!

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