

Product information

Ceramic Paste (Spray)

PI 19/09/15/2023



Description

Semi-synthetic, metal-free high-performance paste for the toughest operating conditions. For universal application, based on semi-synthetic base oil in combination with a sophisticated additive technology and state-of-the-art solid lubricants from the high-tech ceramics sector.

Properties

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

Technical data

Color / appearance	white
Base	synthetic oil, mineral oil
Thickener	anorganische Dickungsmittel und helle Festschmierstoffe
Dropping point	keiner
Operating temperature range	as a lubricating paste -40 °C to +200 °C short term +250 °C °C
Operating temperature range	as a separating paste -40 to 1400 °C
Unworked penetration	~ 340
Base oil viscosity 40°C	~ 100 mm ² /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 Reibungszahl
Form	Paste
Odor	characteristic

Areas of application

For lubrication of all kinds of high-load sliding surfaces. Especially for low slide speeds and/or oscillating movements. Also for screw, plug-in and bayonet connectors made from steel and non-ferrous metals and for separating components subject to heat



stress such as on combustion engines, turbines and 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

The parts to be treated must be clean and free from residues, dirt and moisture. Depending on the area of use and the application, spray a corresponding amount on the cleaned surface. The product retains its technical properties after the solvent evaporates.

Available pack sizes

400 ml Can aerosol 3419
D-GB-I-E-P

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