

TECHNICAL DATA SHEET

0893 980

Brake cylinder paste

Fully synthetic brake cylinder paste for hydraulic brake systems.

Fields of application:

Special lubricant for lubricating cylinder bores and pistons.

Properties:

- Incredibly light, synthetic special grease for lubricating plain bearings subjected to heavy loads, particularly in the material combination of metal/plastic and metal/elastomer. Excellent corrosion protection and reduction of friction and wear, even when subjected to heavy loads and/or higher sliding speeds.
- Provides plastics, elastomers and in particular non-ferrous base metals with excellent glide properties.
- Increases the service life of rubber seals subjected to static and dynamic strain.
- Is highly resistant to oxidation and ageing, can withstand high levels of pressure and is insensitive to temperature. This ensures strong protection against wear as well as long-term lubrication, particularly at low or high outside temperatures.
- Is resistant to mineral oils and is not prone to washing out when brought into contact with such oils.

Application:

Secure function as well as improvement of sliding properties in material pairings such as metal/plastic and metal/elastomer. As an assembly aid for o-rings, lip seals, sleeves and other sealing elements made from elastic rubber materials in hydraulic brake systems in motor vehicles.

Before application, we recommend checking that the product is compatible with the elastomers/plastics being used.

Technical data:

Thickener	Lithium soap		
Worked penetration	1/10 mm	287-317	DIN ISO 2137
Drop point	°C	≥ 180	IP 396
Base oil	Polyglycol		
Kin. viscosity at 40°C	mm ² /s	Approx. 120	DIN 51 562
Kin. viscosity at 100°C	mm ² /s	Approx. 20	DIN 51 562

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- Colour: yellow/beige
- NLGI class 1-2
- Application temperature: -40°C to +120°C
- Reliable corrosion protection
- Excellent resistance to ageing and oxidation

Notes:

We recommend checking the resistance of the plastics that will be coming into contact with the lubricant, especially before series production.

We provide this advice based on our own tests and experience and to the best of our knowledge. However, due to the large number of applications and the storage and handling conditions that lie outside the scope of our influence, we assume no liability for the application results in individual cases.

This also applies to the use of the non-binding technical and commercial customer services provided by us. We always recommend that you conduct your own tests. We guarantee the consistent quality of our products. We reserve the right to make technical changes and to further develop our products.