

## PBC/D

### High-temperature screw paste

#### Performance Features

- temperature ranges: -20 / +1,200 °C
- temperature ranges: for continuous application: up to 150 °C for anti-fretting applications: up to 1,200 °C
- excellent release effect at high temperatures
- used as an anti-squeal medium
- approved by LOBA (Upper Mining Inspectorate) for use in underground and opencast mining



Extreme Pressures



articulated links



corrosion protection



high temperatures



bolt/screw connections

#### Description

PBC/D is a gray-colored, metal-containing, smooth paste for a large range of applications. According to its formulation, PBC/D is free of silicone and lead. Being a non melting EP lubricant, it is suitable for slow-moving surfaces at temperatures up to 150°C. Above this temperature and at temperatures up to 1,200°C the carrier oil slowly evaporates, and special oxides are formed which avoid seizure of the contact surfaces in a highly efficient way.

#### Field of application

As a protective grease PBC/D acts as a lubricating seal to prevent ingress of water and corrosive solutions. It may also be used as a jointing compound and anti-squeal medium. Applications can be found in variable pitch blade fans and king pin thrust bearings of heavy trucks, and universal joints. PBC/D acts as an anti-fretting agent between contact surfaces with oscillating movements.

# Product Information



**LUBRITECH**  
Special Application Lubricants

## Method of application

Prior to the application of PBC/D the surfaces to be lubricated shall be cleaned. PBC/D can then be applied manually, by brush or spatula. It can also be pumped in suitable automatic lubrication systems.

## Technical Data: PBC/D

Characteristics	Value	Unit	Test Method
Colour	gray		
Temperature range	-20 / +1,200	° C	LLS 134
Base oil	min.		
Base oil viscosity [40°C]	250	mm <sup>2</sup> /s	DIN 51562-1
NLGI grade	1-2		DIN 51818

LLS = LUBRITECH Laboratory Specification  
Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users.  
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