

PGR7

HIGH PRESSURE GREASE

- High pressure absorption capacity (7.000N)
- Contains PTFE
- High temperature range from -20 °C to +180°C
- Work stable based on lithium complex soap
- Provides waterproof protection
- Offers excellent protection against rust and corrosion
- Classification KPF 2 N-20 as per DIN 51 825
- Classification ISO-L-XBDHB 2 as per ISO/DIS 6743-9



Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

POWER GREASE 7000

General Information

POWER GREASE 7000 is an extremely high quality lithium complex grease with a very good wear protection.
 POWER GREASE 7000 is used for the lubrication of mechanical and thermal heavy loaded rolling and plain bearings.
 Because of its excellent EP-characteristics

POWER GREASE 7000 is mainly used for equipment and devices where high bearing pressures are generated.
 POWER GREASE 7000 reduces maintenance cost and gives a longer life to the lubricated parts.
 POWER GREASE 7000 is your product for applications in high temperature range.

Technical Information

Physical state: paste
 Color: light brown
 Odor: characteristic
 Flash point: > 230°C
 Vapour pressure (at 20°C): < 0.1 hPa
 Density (at 15°C): 1.1 g/cm³
 Water solubility: practically insoluble
 Thickening agent: Lithium complex soap
 Dropping Point/ DIN ISO 2176: 240°C
 Operating temperature range: -20°C - +180°C (shortly +200°C)
 NLGI-class / DIN 51 818: 2
 Base oil viscosity/40°C / ASTM D 7042: 500 mm²/s
 Water content / DIN 51 777/T1: < 0,2 %

Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137: 280
 Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137: 310
 Water resistance / DIN 51 807-1: Evaluation level 1
 Flow pressure at -20°C / DIN 51 805: 1100 hPa
 Oil separation / DIN 51 817: 2,0 %
 Corrosion protection behaviour (EMCOR-test) / DIN 51 802: 0/0
 Oxidation resistance 100°C/100h / DIN 51 808: 0.2 bar
 VKA welding load / DIN 51 350/T4: 7000 N
 Shelf life: 36 months, always keep the lid closed, store under shade away from direct heat.
 Safety measures: consult the Safety Data Sheet.

Application and Use

- POWER GREASE 7000 is recommended for use in: galvanizing- and automatic packaging equipment or steel - and rolling mills.
- the use of POWER GREASE 7000 extends the lubrication intervals which means lower grease consumption.
- Inventory is reduced with one superior quality, multi-porpose lubricant. Life of equipment is increased and maintenance costs reduced.

Article nr	Name	Content	Shelf Life	Catalog
T306006	Power Grease 7000	400g	see imprint + 36 months	LUBRICANTS
T306060	Power Grease 7000	5kg	see imprint + 36 months	LUBRICANTS
T306106	Power Grease 7000 LS	400g	see imprint + 36 months	LUBRICANTS

