

# PGR3

## HIGH PRESSURE GREASE

- High pressure absorption capacity (3.000N, 306 kg)
- High temperature range from -30°C to +160°C
- Work stable based on lithium complex soap
- Clings to metal surfaces and coats them with an exclusive plating action
- Strongly resists bleeding. Exclusive anti-wear additives provide exceptionally
- long lasting performance
- Will not flush out by heavy rain. Provides complete, waterproof protection
- Offers excellent protection against rust, corrosion, and wear
- Resistant to most acids, weather, salt spray, steam, oxidation and dirt
- Classification KP 2 N-30 as per DIN 51 825
- Classification ISO-L-XCDHB 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 3000

## General Information

POWER GREASE 3000 is an extremely high quality lithium complex grease which is specially formulated from the highest quality paraffin base oils and special additives. It withstands the heavy charges and pounding pressures of equipment operating under boundary conditions without failure. Because of the special formulation and the carefully selected EP additives, POWER GREASE 3000 has an extraordinary life span that reduces

maintenance cost and also gives a longer life to the lubricated parts.

POWER GREASE 3000 is your product for all your lubrication applications where high performance is needed, for example roller and slide bearings in generators, electric motors, aerators etc. It is also used in wheel hubs and release bearing for couplings.

## Technical Information

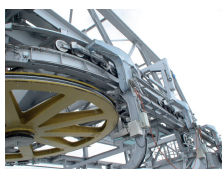
Physical state: Paste  
 Colour: blue  
 Odour: characteristic  
 Flash point: > 220 °C EN ISO 2592  
 pH-Value: n/a  
 Water solubility: practically insoluble  
 Density (at 15°C): 0.91 g/cm<sup>3</sup>  
 Thickening agent: Lithium complex soap  
 Operating temperature range: -30°C - +150°C  
 NLGI-class / DIN 51818: 2  
 Base oil viscosity 40°C / ASTM D 7042: 220 mm<sup>2</sup>/s  
 Dropping point / DIN ISO 22286: > 220 °C

Worked penetration 60 double strokes / DIN ISO 2137: 265 - 295 0,1 mm  
 Worked penetration ΔPW 60 000 - 60 / DIN ISO 2137: < 30 0,1 mm  
 Water resistance 90°C / DIN 51807-1: Evaluation level 1  
 Flow pressure at -30°C / DIN 51805-2: 1025 hPa  
 Oil separation, 168h / 40 °C / DIN 51817: 2,7 %  
 Corrosion protection behaviour (EMCOR-test) / DIN 51802 0/0  
 VKA welding load / DIN 51350-4 3000 N  
 Store under shade away from direct heat.  
 Safety measures: consult the Safety Data Sheet.

## Application and Use

- POWER GREASE 3000 is recommended for use in: plain and anti-friction bearings, sleeve bearings, universal joints, water pumps, wheel bearings, drive shafts, spines, chains, chassis, 5th wheels, king pins and disc brakes.
- Reduces downtime and maintenance labor due to smooth and cool performance.
- Outperforms and outlasts conventional greases in everyday lubrication functions. It is a lubricant formulated for the most severe operating conditions. Inventory is reduced with one superior quality, multi-purpose lubricant. Life of equipment is increased and maintenance costs reduced.

Article nr	Name	Content	Shelf Life	Catalog
T306004	Power Grease 3000	400g	see imprint + 36 months	LUBRICANTS
T306050	Power Grease 3000	5kg	see imprint + 36 months	LUBRICANTS
T306104	Power Grease 3000 LS	400g	see imprint + 36 months	LUBRICANTS
T306200	Power Grease 3000	25kg	see imprint + 36 months	LUBRICANTS



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