

# PGR1

## UNIVERSAL GREASE

- High temperature range from -30°C to +140°C
- Works stable based on lithium soap
- Offers excellent protection against rust, corrosion and wear
- Acid-free
- Classification K 2 K-30 as per DIN 51 825
- Classification ISO-L-XCCHA 2 as per ISO/DIS 6743-9



# POWER GREASE 1600

## General Information

POWER GREASE 1600 is a high quality lithium grease which is specially formulated from the highest quality paraffin base oils and special additives. It withstands pounding pressures of equipment operating under boundary conditions without failure. Because of the special formulation POWER GREASE 1600 has a long life span that reduces maintenance cost and also gives a longer life to the lubricated parts. POWER GREASE 1600 is your product for all your

lubrication applications where performance is needed, for example roller and slide bearings at low and high revolutions, low and high temperatures, used as universal grease for the general lubrication of machines as well as for demanding lubricating points. POWER GREASE 1600 guarantees good sealing and stability in wet and dusty conditions. It is easily pumpable even through long lubrication lines.

## Technical Information

Physical state: Paste  
 Color: yellow-brown  
 Thickening agent: Lithium soap  
 Odour: characteristic  
 Flash point: > 190 °C / EN ISO 2592  
 Density (at 15°C): 0.9 g/cm<sup>3</sup>  
 Water solubility: practically insoluble  
 Operating temperature range: -30°C - +140°C  
 NLGI-class / DIN 51 818: 2  
 Base oil viscosity/40°C/ ASTM D 7042: 110 mm<sup>2</sup>/s  
 Water content / DIN 51 777/T1: < 0,1%  
 Dropping point / DIN ISO 2176: 190°C  
 Worked penetration/0.1mm, 60 double strokes / DIN ISO 2137: 280

Worked penetration/0.1mm, 60 000 double strokes / DIN ISO 2137: 300  
 Water resistance / DIN 51807-1: Evaluation level 1  
 Flow pressure at -30°C / DIN 51 805: 800 hPa  
 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: 1600N  
 Shelf life: 36 months, always keep the lid closed, store under shade away from direct heat.  
 Safety measures: consult the Safety Data Sheet.

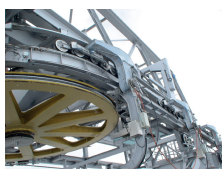
## Application and Use

- POWER GREASE 1600 is recommended for use in: lubrication of slide and roller bearings at normal loads. The product can be used at low and high revolutions, low and high temperatures, as universal grease for the general lubrication of machines as well as for demanding lubricating points.
- 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
T306010	Power Grease 1600	400g	see imprint + 36 months	LUBRICANTS
T306011	Power Grease 1600	5kg	see imprint + 36 months	LUBRICANTS
T306012	Power Grease 1600	25kg	see imprint + 36 months	LUBRICANTS
T306110	Power Grease 1600 LS	400g	see imprint + 36 months	LUBRICANTS

## Notice

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