



# GRIZZLYGREASE No. 1 NLGI 1

K P 1 N -30



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**GRIZZLYGREASE No. 1 NLGI 1** is an adhesive lubricant based on a high-viscosity mineral oil and a lithium/calcium complex soap with high pressure additives. These additives are combined with the soap structure so that an optimum adhesiveness to the metal surface is possible.

## Special properties

- Remarkable adhesive properties
- High load carrying capacity
- Excellent corrosion and wear protection
- High work resistance
- High resistance to water
- Resistant to radioactive radiation

| Product Characteristics                 | Value                 | Dimension                | Norm / Standard   |
|---|-----------------------|--------------------------|-------------------|
| Colour                                  | dark brown            |                          |                   |
| Density at 20°C                         | 0,96                  | g/cm <sup>3</sup>        | DIN EN ISO 2811-1 |
| Operating temperature range             | -30 to 150            | °C                       |                   |
| Thickener                               | Li / Ca special soap  |                          |                   |
| Base oil                                | Mineral oil           |                          |                   |
| Kin. viscosity of the base oil at 40°C  | 980                   | mm <sup>2</sup> /s       | DIN EN ISO 3104   |
| Kin. viscosity of the base oil at 100°C | 55                    | mm <sup>2</sup> /s       | DIN EN ISO 3104   |
| Worked penetration                      | 310 – 340             | mm/10                    | DIN ISO 2137      |
| Consistency class (NLGI)                | 1                     |                          | DIN 51818         |
| Dropping point                          | > 220                 | °C                       | DIN ISO 2176      |
| Resistance to water                     | 0 – 90                |                          | DIN 51807         |
| Corrosion protection (SKF-Emcor)        | 0 / 0                 |                          | DIN 51802         |
| Speed factor of grease (n x dm)         | 100 000               | mm/min                   |                   |
| Four-ball test O.K. load / welded load  | 5500 / 6000           | N                        | DIN 51350         |
| Resistance to radioactive radiation     | 1,2 x 10 <sup>6</sup> | Gy (=10 <sup>2</sup> rd) |                   |

## Application

Due to the high temperature properties **GRIZZLY GREASE No. 1 NLGI 1** can be used for a wide range of applications, where high temperatures and high loads exist.

**GRIZZLY GREASE No. 1 NLGI 1** is among other applications recommended for slow running ball bearings and roller bearings, for slide bearings/bushes, open gears and couplings.

## Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 5 kg bucket, 25 kg hobbock, 50 kg hobbock, 180 kg drum

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The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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