

# r.grea Norlith PMO 2

Lithium EP Grease with MoS<sub>2</sub> – NLGI-Grade 2

## Description

**r.grea Norlith PMO 2** is a high performance EP grease on non-ageing mineral oil base formulated with molybdenum disulphides.

## Application and Properties

**r.grea Norlith PMO 2** is suitable for lubrication of roller and friction bearings under extreme pressure load.

Molybdenum disulphides reduce friction and wear under temperature and pressure load.

**r.grea Norlith PMO 2** also helps to smoothen new high loaded bearings.

### Application examples:

Lubrication of high loaded bearings (e.g. pivoting bearings, pins, shafts, joints on trucks) threaded spindles and guides of lifting units.

### Advantages:

- non-ageing
- high stability
- water resistant
- corrosion resistant
- high pressure load capacity
- good adhesiveness

## Technical Data

|   |                                  |                          |
|---|----------------------------------|--------------------------|
| Thickener   |                                  | Lithium-Soap             |
| Operating temperature for long-term lubrication   |                                  | -30 to +130°C            |
| Short time admissible temperature peak value  |                                  | +140°C                   |
| Permanent temperatures above 130°C require re-greasing at shorter intervals subject to thermal load |                                  |                          |
| Drop point  | ASTM D 2265                      | 190 °C                   |
| Worked penetration after 60 strokes   | ASTM D 217                       | 265 to 295 1/10 mm       |
| Penetration loss after 100000 strokes   | ASTM D 217                       | < 30 1/10 mm             |
| Type base oil   |                                  | Mineral oil              |
| Base oil viscosity at 40°C  | ASTM D 445                       | 195 mm <sup>2</sup> /s   |
| Water resistance  | DIN 51 807- 01                   | 1 – 90                   |
| SKF Emcor Test  | IP 220/85                        | Corrosion degree 0/0     |
| Copper Strip Test   | ASTM D 4048                      | Corrosion degree 1 – 120 |
| FAG-FE9 - Test  | DIN 51821-02<br>-A/1500/6000-130 | F <sub>50</sub> > 100h   |
| SKF-R2F - Test at 120°C   |                                  | Passed                   |
| Timken Test, well load  | ASTM D 2509                      | 50 lbs (222,5 N)         |
| Designation   | DIN 51 502                       | KPF 2 K-30               |

Subject to modification of the technical data. Please refer to the material safety data sheet for additional information or contact our application engineers.

## Edition

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Shanghai Ping Yiao Trading Co., Ltd.

TEL: 86 21 6470 5533 24H:15900706965

FAX: 86 21 6482 0538 <http://www.pingyiao.com> Email:[info@pingyiao.com](mailto:info@pingyiao.com)