

# r.grea Norlith LIH 2

## Lithium-Calcium EP Grease – NGI-Grade 2

### Description

**r.grea Norlith LIH 2** is a high performance EP-grease based on high quality mineral oil.

### Application and Properties

**r.grea Norlith LIH 2** suits for lubrication of roller and friction bearings under normal and extreme pressure load, especially for lubrication fittings, which are exposed to high and partly jerky loads as well as the influence of humidity.

#### Advantages:

- pumpable in central lubricating systems
- extremely resistant to oxidation
- water resistant
- high stability
- corrosion resistant
- high pressure load capacity
- good adhesiveness

### Technical Data

Thickener		Lithium-Calcium-Soap
Operating temperature for long-term lubrication		-25 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	> 170°C
Worked penetration after 60 strokes	ASTM D 217	265 to 295 1/10 mm
Penetration loss after 100 000 strokes	ASTM D 217	< 20 1/10 mm
Flow pressure	DIN 51 805	-25°C / 1200 mbar
Type of base oil		Mineral oil
Base oil viscosity at 40° C	ASTM D 445	400 mm²/s
Water resistance	DIN 51 807-01	0 – 90
SKF Emlcor Test	IP 220/85	Corrosion degree 0/0
SKF Emlcor Test (+ 3% NaCl)	IP 220/85	Corrosion degree 1/1
Copper Strip Test	ASTM D 4048	Corrosion degree 1 – 130
FAG-FE9 - Test	DIN 51821-02-A/ 1500/6000-130	F <sub>50</sub> > 200 h
FAG-FE8 - Test, 536048 taper roller bearing	E DIN 51 819-02-C-3000/10-120	m <sub>w</sub> = 25 mg
Timken Test, well load	ASTM D 2509	40 lbs (178 N)
4 ball Test, welding load	DIN 51 350	3400 N
Designation	DIN 51 502	KP 2 K-20

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

### Edition

10/06

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

Rhenus is certified according to ISO/TS 16949, DIN EN ISO 9001, DIN EN ISO 14001 and OHSAS 18001.