

# r.grea LZP 2

## Lithium Long Time EP Grease – NLGI-Grade 2

### Description

**r.grea LZP 2** is a semi-synthetic high performance EP-grease.

### Application and Properties

**r.grea LZP 2** is a long durability grease for the lubrication of bearings of trucks, industrial machines and all machinery in the construction industry.

#### Advantages:

- extremely resistant to oxidation
- extreme worked stability
- water resistant
- good protection against corrosion
- high temperature stability
- high pressure load
- very good adhesiveness

### Technical Data

Thickener		Lithium-Soap
Operating temperature for long-term lubrication		-30 to +140°C
Short time admissible temperature peak value		+150°C
Permanent temperatures above 140°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 100 000 strokes	ASTM D 217	< 30 1/10 mm
Type of base oil		Semi-synthetic
Base oil viscosity at 40° C	ASTM D 445	800 mm²/s
Water resistance	DIN 51 807-01	1 – 90
SKF Emscor Test	IP 220/85	Corrosion degree 0/0
Copper Strip Test	ASTM D 4048	Corrosion degree 1 - 120
FAG-FE9 - Test	DIN 51821-02-A/ 1500/6000-140	F <sub>50</sub> > 200 h
FAG-FE8 - Test, 536050TVP angular ball bearing	DIN 51 819-02-A- 7,5/80-RT	m <sub>w</sub> < 5 mg
Timken Test, well load	ASTM D 2509	50 lbs (222,5 N)
Designation	DIN 51 502	KP 2 N-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

10/06

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