

r.grea LZG 2

Lithium Long Time EP Grease with Graphite – NLGI-Grade 2

Description

r.grea LZG 2 is a semisynthetic high performance EP-grease.

Application and Properties

r.grea LZG 2 is a multipurpose grease for the lubrication of bearings and guide surfaces of trucks, industrial machines and all machinery in the construction industry.

r.grea LZG 2 mainly offers advantage in all applications where mixed friction occurs (e.g. extremely high loaded friction bearings, guide surfaces, threaded spindles)

Advantages:

- § extremely resistant to oxidation
- § extreme worked stability
- § water resistant
- § good protection against corrosion
- § high temperature stability
- § high pressure load
- § formation of solid lubricant layers
- § 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 regreasing 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
Type of base oil		Semisynthetic
Base oil viscosity at 40° C	ASTM D 445	800 mm²/s
Water resistance	DIN 51 807-01	1 – 90
SKF Emdor 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 ₅₀ > 200 h
Timken Test, well load	ASTM D 2509	50 lbs (222,5 N)
Designation	DIN 51 502	KPF 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

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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