

r.grea LKT 2

Lithium Complex EP Grease – NLGI-Grade 2

Description

r.grea LKT 2 is a low temperature grease based on high quality synthetic oil.

Application and Properties

r.grea LKT 2 suits for lubrication of roller and friction bearings under extreme pressure load and low temperatures.

Advantages:

- good pumpable in central lubricating systems
- slow starting resistance at low temperature
- extremely resistant to oxidation
- water resistant
- high stability
- corrosion resistant
- good anti wear protection
- good adhesiveness

Technical Data

Thickener		Lithium-Complex-Soap
Operating temperature for long-term lubrication		-60 to +140°C
Permanent temperatures above 140°C require regreasing at shorter intervals subject to thermal load		
Drop point	ASTM D 2265	>250°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 of base oil		Synthetic oil
Base oil viscosity at 40 °C	ASTM D 445	27 mm ² /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 - 150
FAG-FE9 - Test	DIN 51821-02-A/ 1500/6000-140	F ₅₀ > 140 h
Timken Test, well load	ASTM D 2509	50 lbs (222,5 N)
Designation	DIN 51 502	KPHC 2 N-60

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