

r.grea Kronaplex

Special-Calcium EP Grease – NLGI-Grade 2

Description

r.grea Kronaplex is a semi synthetic high performance EP-grease featuring extraordinary adhesiveness.

Application and Properties

r.grea Kronaplex is successfully used for lubrication of high loaded, low speed bearings and both lubrication of plain bearings and sliding guides.

r.grea Kronaplex is a grease for long-time lubrication of heavy machinery in the building and agricultural industry. It avoids fretting corrosion in bearings and sliding spots under high-load conditions, humidity and vibration.

Application examples:

Lubrication of bearings, joint and turntables of construction machines. Long term lubrication of turntables of tower cranes. General lubrication of bearings under wet conditions.

Advantages:

- § high aging stability
- § extremely water resistant
- § high mechanical stability
- § outstanding protection against corrosion
- § high pressure load
- § very good adhesiveness

Technical data

Thickener		Special-Calcium-Soap
Operating temperature for long-term lubrication		-30 to +110°C
Short time admissible temperature peak value		+125°C
Drop point	ASTM D 2265	150°C
Worked penetration after 60 strokes	ASTM D 217	265 to 295 1/10 mm
Drop of penetration after 100000 strokes		< 30 1/10 mm
Type of base oil		Semi synthetic
Base oil viscosity at 40 °C	ASTM D 445	800 mm ² /s
Water resistance	DIN 51 807-01	0 - 90
SKF Emlcor Test	DIN 51 802	Corrosion degree 0
Copper Strip Test	DIN 51 811	Corrosion degree 1 - 100
FAG FE 9 Test	DIN 51 821-02 A/1500/6000-110	F ₅₀ >100 h
Wheel Bearing Test	ASTM-D 1236	passed
Timken Test, well load	E DIN 51434-03	244,75 N (55 lbs)
Low-Temperature Torque at -30°C	ASTM D 1478	Starting: 980 mNm Running (1 h): 63 mNm
Designation	DIN 51 502	KP 2 G -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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