

r.tecc LKX 2

Lithium Complex EP Grease – NLGI-Grade 2

Description

r.tecc LKX 2 is a semi-synthetic high performance EP-grease containing a white solid lubricant combination with synergistic effect.

Application and Properties

r.tecc LKX 2 used for long-time lubrication of roller and friction bearings under difficult service condition: e.g. high pressure load capacity, high temperature, wetness and alternating shock loading.

Application examples:

Lifetime lubrication of roller and friction bearings under extreme pressure: e.g. Wheel bearing lubrication in trucks, steering gears, brake cylinders, generators, suspension joints, rotating assemblies, door checks, hinges and electric motors.

Advantages:

- high thermal resistance
- extremely resistant to oxidation
- water resistant
- high stability
- corrosion resistant
- high pressure load capacity
- good adhesiveness
- good compatibility with elastomers

Technical Data

Thickener		Lithium-Complex-Soap
Operating temperature for long-term lubrication		-25 to +150 °C
Short time admissible temperature peak value		+200 °C
Drop point	ASTM D 2265	> 260 °C
Worked penetration after 60 strokes	ASTM D 217	265 to 295 1/10 mm
Type of base oil		Semi synthetic
Base oil viscosity at 40° C	ASTM D 445	600 mm ² /s
Water resistance	DIN 51 807-01	1 – 90
Emcor Test	DIN 51 802	Corrosion degree 0/0
4 ball Test welding load	DIN 51 350	7000 N
Designation	DIN 51 502	KPF 2 P-20

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

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