

r.grea Norplex AKG 0

Aluminium Complex EP Grease with Graphite – NLGI-Grade 0

Description

r.grea Norplex AKG 0 is a grease on mineral oil base which can be sprayed. It contains solid lubricants and chemically active EP additives.

Application and Properties

r.grea Norplex AKG 0 is designed for automatic spray lubrication of toothed wheels, gear rings, toothed racks and pinions of any kind under high pressure and temperature operations. It suits for lubrication of rotary furnaces or similar hot lubricating points even under dusty and wet conditions.

r.grea Norplex AKG 0 is suitable for lubrication of wire ropes.

Advantages:

- applicable with spray diffusers
- water resistant
- corrosion resistant
- high pressure load capacity
- high thermal load capacity
- very good adhesiveness

Technical Data

Thickener		Al-Complex-Soap
Operating temperature for long-term lubrication		-20 to +200°C
Short time admissible temperature peak value		+250°C
Permanent temperatures above 200°C require re-greasing at shorter intervals subject to thermal load		
Drop point	ASTM D 2265	>240°C
Worked penetration after 60 strokes	ASTM D 217	355 to 385 1/10 mm
Type of base oil		Mineral oil
Base oil viscosity at 40° C	ASTM D 445	500 mm²/s
Water resistance	DIN 51 807 T1	0 – 90
SKF Emscor Test	IP 220/85	Corrosion degree 0/0
Gear Rig Test by the FZG-method A/2,8/50 damage force grade specific weight change	DIN 51 354	> 12 < 0,27 mg/kWh
4 ball Test, welding load	DIN 51 350	7000 N
Designation	DIN 51 502	OGPF 0 S-20

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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