

# r.grea AKG 15

## Aluminium Complex EP Grease – NLGI-Grade 1-2

### Description

**r.grea AKG 15** is a high temperature EP grease based on mineral oil.

### Application and Properties

**r.grea AKG 15** suits for lubrication of roller and friction bearings under high pressure load at high temperatures.

**r.grea AKG 15** offers good pumpability in central lubricating systems and good seal up properties against water.

#### Application examples:

For bearings of forging presses, asphalt mix plants, conveying units, foundries and within the range of steel industry (e.g. casting machines and chain conveyors)

#### Advantages:

- high thermal and mechanical load
- non ageing
- water resistant
- corrosion resistant
- high pressure load capacity
- good adhesiveness

### Technical data

Thickener		Al-Complex-Soap
Operating temperature for long-term lubrication		-20 to +150°C
Short time admissible temperature peak value		+220°C
Permanent temperatures above 150°C require re-greasing at shorter intervals subject to thermal load		
Drop point	ASTM D 2265	> 250°C
Worked penetration after 60 strokes	ASTM D 217	295 to 310 1/10 mm
Type of base oil		Mineral oil
Base oil viscosity at 40° C	ASTM D 445	500 mm²/s
Water resistance	DIN 51 807-01	0 – 90
SKF Emcor Test	IP 220/85	Corrosion degree 0/0
Copper Strip Test	ASTM D 4048	Corrosion degree 1 -150
Timken Test, well load	ASTM D 2509	40 lbs (178 N)
Designation	DIN 51 502	KP 1-2 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.

### Edition

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