

# r.grea Norplex AKG 00

Aluminium Complex EP Grease with Graphite – NLGI-Grade 0-00

## Description

**r.grea Norplex AKG 00** 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 00** is designed for automatically 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 00** possesses emergency running properties due to its graphite compounds.

### 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		-30 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	> 250°C
Worked penetration after 60 strokes	ASTM D 217	390 to 410 1/10 mm
Type of base oil		Mineral oil
Base oil viscosity at 40° C	ASTM D 445	500 mm <sup>2</sup> /s
Water resistance	DIN 51 807 T1	0 – 90
SKF Emlcor 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 0-00 S-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

10/06 ssl

Shanghai Ping Yiao Trading Co., Ltd.

TEL: 86 21 6470 5533 24H:15900706965

FAX: 86 21 6482 0538 <http://www.pingyiao.com> Email:[info@pingyiao.com](mailto:info@pingyiao.com)