

# Rhenus Norplex AFW 2

## Aluminium Complex EP Grease – NLGI Grade 2

### Description

**Rhenus Norplex AFW 2** is an aluminium complex lubricating grease based on medical white oil containing white solid lubricants.

### Application and Properties

**Rhenus Norplex AFW 2** is suitable for lubrication of machinery in the food, cosmetic and pharmaceutical industry. It is fully based on physiological harmless components.

**Rhenus Norplex AFW 2** is in accordance with the FDA-Guidelines 21 CFR 178.3570 and shall be used where a direct contact with the lubricant cannot be excluded. Excessive lubrication, which may cause food contact, shall be avoided.

**Rhenus Norplex AFW 2** is registered by NSF (National Sanitary Foundation) category code H1

**Rhenus Norplex AFW 2** has been approved by the German Organisation KTW for the lubrication of water fittings.

#### Advantages:

- water resistant
- physiologically harmless
- good adhesiveness
- corrosion resistant
- good anti-wear and extreme pressure properties
- highly resistant to oxidation

### Technical Data

Thickener		Al-Complex-Soap
Operating temperature for long-term lubrication		-20 to +140°C
Short time admissible temperature peak value		+180°C
Permanent temperatures above 140°C require regreasing at shorter intervals subject to thermal load		
Drop point	ASTM D 2265	> 250°C
Worked penetration	ASTM D 217	260 to 280 1/10 mm
Type of base oil		Med. white oil (DAB 10)
Base oil viscosity at 40°C	ASTM D 445	1100 mm²/s
Water resistance	DIN 51 807-01	0 – 90
SKF Emcor Test	IP 220/85	Corrosion degree 0/0
4 ball test, welding load	DIN 51 350	4400 N
Designation	DIN 51 502	KPF 2 N-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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