

Rhenus Norplex AFV 2

Aluminium Complex EP Grease – NLGI Grade 2

Description

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

Application and Properties

Rhenus Norplex AFV 2 is suitable for lubrication of roller and friction bearings in the food, cosmetic and pharmaceutical industry even at high temperatures and water exposure. It is fully based on physiological harmless components.

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



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	265 to 295 1/10 mm
Type of base oil		Med. white oil (DAB 10)
Base oil viscosity at 40°C	ASTM D 445	460 mm²/s
Water resistance	DIN 51 807-01	0 – 90
4 ball test, welding load	DIN 51 350	5000 N
SKF Emcor Test	IP 220/85	Corrosion degree 0/0
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

11/01 sm