

rhenus ADD 2

Aluminium Complex EP Grease – NLGI Grade 2

Description

rhenus ADD 2 is an aluminium complex lubricating grease based on medical white oil containing white solid lubricants.

Application and Properties

rhenus ADD 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 ADD 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 ADD 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 mm ² /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

07 / 2017