

Rhenus Norlith LZW 25

Special-Grease for tunnel boring-machinery – NLGI - grade 2 - 3

Description

Rhenus Norlith LZW 25 is a special grease based on semi-synthetic fluids with excellent adhesive properties.

Application and Properties

Rhenus Norlith LZW 25 is basically used as barrier grease for the continuous lubrication of the main bearing seals in the front part of tunnel boring machinery.

Rhenus Norlith LZW 25 is also suitable for lubrication of Guideways and joint bearings.

Advantages

- good oxidation stability
- extreme worked stability
- excellent water resistance
- good protection against corrosion
- excellent adhesiveness

Technical Data

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|---|---------------|------------------------|
| Thickener | | Lithium Soap |
| Operating temperature for long-term lubrication | | -20°C to 140°C |
| Short time admissible temperature peak value | | + 150°C |
| Dropping point | ASTM D-566 | + 190°C |
| Worked penetration | ASTM D-217 | 250 to 260 1/10 mm |
| Penetration-Loss after 100000 Strokes | ASTM D-217 | < 30 1/10 mm |
| Base oil type | | semi-synthetic |
| Base oil viscosity at 40 °C | ASTM D-445 | 800 mm ² /s |
| Water resistance | DIN 51 807 T1 | 1 – 90 |
| SKF Emcor Test | IP 220/85 | corrosion degree 0/0 |
| Cooper strip test at 120 °C | ASTM D-4048 | corrosion grade 1 |
| 4 ball welding-load | DIN 51 350/04 | 2800 N |
| Designation | DIN 51 502 | KP 2-3 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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