

r.grea Norlith BZS 00

Lithium EP Grease, Easily Biodegradable – NLGI-Grade 00/000

Description

r.grea Norlith BZS 00 is an EP flow grease on synthetic ester base with a high biodegradability.

Application and properties

r.grea Norlith BZS 00 is recommended for operations where the environment is badly affected by emerging grease as a result of loss lubrication.

r.grea Norlith BZS 00 is approved for use on NFZ central lubrication systems from Willy Vogel AG, Lincoln Tecalemit, Baier & Köppel, as well as from MAN according to standard 283 Li - 00/000-B.

r.grea Norlith BZS 00 is also suitable for the lubrication of rubbing faces of wheel flanges of rail cars. The company Delimon has passed approval for its use in their installations.

Practical examples:

Central lubrication systems on trucks and construction machines, gears and gear units, guiding rails, wheel flange lubrication.

Advantages:

- easy to convey in central lubricating systems with long conduction routes
- good properties for low temperature ranges
- resistant to ageing
- water resistant
- anticorrosive
- wear resisting
- good adhesiveness

Technical data

Thickener		Lithium-Soap
Operating temperature for long-term lubrication		-40 to +120°C
Drop point	ASTM D 2265	160°C
Worked penetration after 60 strokes	ASTM D 217	400 to 460 1/10 mm
Type of base oil		synthetic
Base oil viscosity at 40°C	ASTM D 445	45 mm²/s
Flow pressure	DIN 51 805	-35°C / < 80 mbar
Water resistance	DIN 51 807-01	1 – 90
Biodegradability	OECD 301 B	After 21 days approx 69 %
Designation	DIN 51 502	MPE 00/000 K-40

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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Rhenus is certified according to ISO/TS 16949, DIN EN ISO 9001, DIN EN ISO 14001 and OHSAS 18001.