

r.grea BZW 2

EP Paste, Easily Biodegradable – NLGI-Grade 2

Description

r.grea BZW 2 is a white EP paste based on biodegradable esters containing a high amount of wear reducing solid lubricants.

Application and Properties

r.grea BZW 2 is assigned as thread separation paste for casing pipes within the range foundation engineering, building of wells as well as for the pollution free lubrication of highly loaded open gear rims and racks.

r.grea BZW 2 is easily biodegradable and environmental compatibly.

Application examples:

Establishments of drillings in water catchment areas, with building projects with possible groundwater endangerment, lubrication of gear drives and racks in locks, weir systems, purification plants.

Advantages:

- easily biodegradable
- good corrosion protection
- water resistant
- extreme pressure properties
- good adhesiveness

Technical Data

Thickener		Spec. Calcium Soap
Operating temperature for long-term lubrication		-20 to +100°C
Short time admissible temperature peak value		+150°C
Drop Point	ASTM D 2265	> 250°C
Worked penetration after 60 strokes	ASTM D 217	265 to 295 1/10 mm
Type of base oil		Synth. and nat. Esters
Base oil viscosity at 40° C	ASTM D 445	50 mm ² /s
Water resistance	DIN 51 807-01	0 – 90
4 ball Test, welding load	DIN 51 350-04	6500 N
Designation	DIN 51 502	OGEPF 2 G-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

10/06