

r.grea BCN 2

Special Calcium Grease, Easily Biodegradable – NLGI-Grade 2

Description

r.grea BCN 2 is a special calcium soaped grease based on biodegradable native esters.

Application and properties

r.grea BCN 2 suits for lubrication of roller and friction bearings and other machine components under temperatures of max. 80°C.

r.grea BCN 2 is not recommended for lubrication of parts which are seldom to lubricate such as wheel bearings.

Due to its biodegradability **r.grea BCN 2** is specially recommended to protect the environment against loss lubrication and leakages.

Application examples:

Lubrication of agricultural machines, loading cranes, gravel dredging units, flood gates, weir and sewage works.

Not suitable for long life lubrication.

Advantages:

- high biodegradability
- high mechanical stability
- corrosion protection
- water resistant
- good adhesiveness

Technical Data

Thickener		Special-Calcium-Soap
Operating temperature for long-term lubrication		-20 to +80°C
Short time admissible temperature peak value		110°C
Permanent temperatures above 80°C require regreasing at shorter intervals subject to thermal load		
Drop point	ASTM D 2265	> 145°C
Worked penetration after 60 strokes	ASTM D 217	265 to 295 1/10 mm
Type of base oil		Native esters
Base oil viscosity at 40° C	ASTM D 445	36 mm²/s
Water resistance	DIN 51 807-01	0 – 40
SKF Emcor Test	IP 220/85	Corrosion degree 0/0
Biodegradability	OECD 301 B	72 %
Designation	DIN 51 502	KE 2 E-20

Please note that the storage stability of easily biodegradable products, based on native base oils, are naturally limited. Furthermore, we recommend to close the packing carefully and to store them in a dry place at room temperature.

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

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