

r.grea Norlith BWN 000

Switch Plate Lubricant, Easily Biodegradable – NLGI-Grade 000

Description

r.grea Norlith BWN 000 is a semifluid switch plate lubricant on synthetically ester base which is easily biodegradable.

Application and Properties

r.grea Norlith BWN 000 is used for the lubrication of slide plates of switches. Good life time under the most different climatic conditions is achieved, although this lubricant is easily biodegradable.

r.grea Norlith BWN 000 is very resistant to UV radiation and does not show any surface hardening.

r.grea Norlith BWN 000 has been approved by the "Deutsche Bahn AG" under the reference No. SAP 519 759 as a easily biodegradable switch plate lubricant.

Advantages:

- easy working properties, even at low temperature
- can be applied by spray units
- good UV resistance
- non-ageing
- water-resistant
- anticorrosive
- 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	460 to 490 1/10 mm
Type of base oil		synthetic
Base oil viscosity at 40°C	ASTM D 445	25 mm ² /s
Water resistance	DIN 51 807-01	1 – 90
SKF Emcor Test	IP 220/85	Corrosion degree 0/0
Biodegradability	CEC L-33-T-82	After 21 days > 90%
Designation	DIN 51 502	MPE 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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