



BERULUB FR 16

Special Lubricant for Metals and Polymer Materials

9012389

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Description
<p>BERULUB FR 16 is a dynamically very light, synthetic multipurpose grease. Due to the content of PTFE it is well suitable for longlife lubrication of component parts with material combinations of metal/plastic or plastic/plastic.</p> <p>BERULUB FR 16 minimises friction and wear, avoids stick-slip and has an excellent low temperature behaviour.</p> <p>BERULUB FR 16 is largely neutral towards many plastics and elastomers. Due to the different chemical compositions of these materials we recommend a compatibility test prior to application.</p>

Application
<p>BERULUB FR 16 considerably improves the friction value and thus produces a much more favourable sliding behaviour of plastics and elastomers on steel and non-ferrous metals in the following component parts: door locking systems, central locking systems, window lifters, sun roofs, seat adjustments, steering wheel locks, horn contacts, bowden cables as well as small and shift gears.</p>

Properties

- **Special lubricant for metals and polymer materials**
- **Service temperature -50°C to +140°C**
- **Excellent low temperature behaviour**
- **Water resistance and oxidation stability**
- **Especially suited for the material pairings plastic/plastic and plastic/steel**
- **Approved acc. to VW-TL 778 A**
- **Ford WSD-M1C 234-A2**
- **GM 9986248**

Thickener	Special lithium soap		
Drop point	°C	≥190	IP 396
Worked penetration	1/10 mm	265-295	DIN ISO 2137
Water resistance		1-90	DIN 51807 P1
Corrosion test on copper (24 h/100°C)	Degree of corr.	1	DIN 51 811
Oxidation stability (100 h /99°C)	bar	0,2	DIN 51 808
Flow pressure at + 20°C - 35°C	mbar mbar	≤ 110 ≤ 450	DIN 51 805
Base oil	Polyalphaolefin		
Kin. viscosity at 40°C	mm ² /s	approx. 32	DIN 51 562
Kin. viscosity at 100°C	mm ² /s	approx. 6	DIN 51 562

Characteristics

- **NLGI-grade 2**
- **Solid lubricant: microfine PTFE-Powder**
- **Color: Beige**

The above data correspond to latest technology, modifications reserved. This information is intended as a guide and does not necessarily represent a marketing specification. In individual cases tests have to be carried out by the consumer. Further data upon request.