

Technical product information

BERULUB FH 28

Multipurpose grease for metals and polymeric materials



9013599

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Description

BERULUB FH 28 is a fully synthetic and medium-viscous lubricating grease. Specifically designed for the lubrication of polymeric materials such as used in plain bearings and switch gear mechanisms. Very beneficial and recommended for small gears equipped with frictional bodies from non-ferrous metals and/or plastics.

Examples of application

Reduces friction and wear and protects mechanisms from corrosion and prevents stick-slip. Dampens the noise of switch gear mechanisms from plastics. Widely accepted as an antinoise grease for motor-vehicle switches. Also suitable for spur-gears with toothed wheels from plastic/plastic or metal/plastic which are exposed to low or elevated temperatures and/or strong vibrations.

BERULUB FH 28 is also successfully used for a number of dynamic seals.

Properties:

- **Fully synthetic grease for longterm lubrication**
- **Service temperature –30 up to +160 °C**
- **generally compatible with plastics**
- **light-coloured**

Thickener		org. polymer	
Drop point	°C	> 240	IP 396
Worked penetration	1/10mm	265-295	DIN ISO 2137
Penetration difference 100.000 zu 60 DT	mmx10 ⁻¹	max. 50	DIN ISO 2137
Water resistance		1-90	DIN 51 807
Base oil		synthetic	
Viscosity at 40 °C	mm ² /s	approx. 420	DIN 51 562
Viscosity at 100 °C	mm ² /s	approx. 40	DIN 51 562

Characteristic data:

- **NLGI-grade 2**
- **poss. denomination acc. to DIN 51 502: KFHC 2 P – 30**
- **Speed index: (k_a x n x d_m): 350 000**

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.