

# BERUTOX FH 28 KN

Fully synthetic high temperature grease



9013629

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<b>Description</b>
<p><b>BERUTOX FH 28 KN</b> is a high temperature grease for the lubrication of plain and roller bearings.</p> <p><b>BERUTOX FH 28 KN</b> reduces friction and wear even when subjected to high temperatures, heavy loads, corrosive environmental influences and at all speeds. It also protects bearings against harmful contamination and maintains lubricity even in the presence of water.</p>

<b>Application</b>
<p>Bearings subjected to extreme temperatures, i. e. bearings in annealing and drying furnaces, rotary kilns, cooling beds, conveyor systems, hot air fans, electric motors, exhaust gas fans for aggressive media, stop valves of bulk material equipment, ejector pins in plastic-cast tools, switches for household appliances e.g. stove switches.</p>

## Properties

- **Service temperature**  
-30 °C to +180 °C  
(short term peak +200 °C)
- **High temperature grease for longterm lubrication**
- **Excellent consistency-temperature behaviour**
- **Does not form any hard residues**
- **Good corrosion protection**
- **Reliable wear protection**
- **NSH-H2**



Nonfood Compounds  
Program Listed H2  
141980

Thickener	Polyurea		
Worked penetration	1/10 mm	285 - 315	DIN ISO 2137
Change in penetration 100.000 zu 60 DS	1/10 mm	max. 50	DIN ISO 2137
Drop point	°C	≥ 240	IP 396
Water resistance		1 - 90	DIN 51 807 P1
Corrosion protection (EMCOR-TEST)		0 and 0	DIN 51 802
Base oil	Polyalphaolefin		
Kin. Viscosity at 40 °C	mm <sup>2</sup> /s	approx. 400	DIN 51 562
Kin. Viscosity at 100 °C	mm <sup>2</sup> /s	approx. 40	DIN 51 562

## Characteristic data

- **NLGI-grade 1 - 2**
- **Colour: Beige**
- **Denomination acc. to DIN 51 502: KPHC 1 R -30**
- **Speed index (k<sub>a</sub> x n x d<sub>m</sub>): 400 000**

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.