



# BECHEM HIGH-LUB LFB 2000

Multipurpose EP grease with emergency run properties

9004751

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Description
To lubricate plain and roller bearings and, to reduce friction and wear on mechanisms subjected to high load. For all industrial sectors. Water that has been absorbed by the grease will neither affect its consistency nor corrosion protection properties. In addition to its excellent ageing resistance and load carrying capacity, <b>BECHEM HIGH-LUB LFB 2000</b> has good adhesion and is resistant to hot and cold water. White solid lubricants in the grease prevent the metal-to-metal-contact in the area of mixed and boundary friction. This helps reduce the coefficient of friction even at high surface pressure and results in less wear. Its high lubricating effectiveness helps prolong relubrication intervals. <b>BECHEM HIGH-LUB LFB 2000</b> is lead-free.

Application
To lubricate plain and roller bearings, guideways and other machine parts such as used in constructional machinery, machine-tools, paper mills or in the stoneware and textile industry, household and washing machines, electrical and precision instruments, threaded spindles. To lubricate heavy mobile equipment in the construction and mining industry.

## Properties

- **Very good temperature resistance, service temperature up to +140 °C, if relubricated**
- **Universal grease for building and industrial sectors**
- **Reliable corrosion protection**
- **Wear protection**
- **Water absorption will not affect consistency**
- **Contains light-coloured solid lubricant**

Thickener	Lithium soap		
Worked penetration	1/10 mm	265 - 295	DIN ISO 2137
Drop point	°C	≥ 170	IP 396
Water resistance	evaluation grade	1 - 90	DIN 51 807 P1
Corrosion protection (EMCOR-TEST)	degree of corrosion	0 and 1	DIN 51 802
Copper corrosion test (24h/100 °C)	degree of corrosion	1	DIN 51 811
Four ball weld load	N	≥ 3000	DIN 51 350 P4
Base oil	Mineral oil		
Kin. viscosity at 40 °C	mm <sup>2</sup> /s	approx. 180	DIN 51 562
Kin. viscosity at 100 °C	mm <sup>2</sup> /s	approx. 15	DIN 51 562

## Characteristic data

- **NLGI grade 2**
- **Colour: Beige**
- **Denomination acc. to DIN 51 502: KPF 2 K-20**
- **Speed index (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.