

Technical Product Information

Berutemp PA 415 GR

Semi-fluid gear grease for closed gears



Examples of Application

- Mechanical and thermal heavily loaded closed spur and bevel gears with low circumferential speed
- Gears, bearings and chains of hearth furnaces cars, annealing and drying furnaces
- Small closed gearboxes of dryers and rotary kilns
- Machinery where the lubricant is applied by centralized lubrication systems

Properties

- Very high adhesive power
- Long fibrous
- Excellent water resistance
- Dry lubrication up to +450 °C due to graphite particles
- Low residue formation in case of overheating

Characteristic data

- Service temperature: -40 °C to +200 °C
- Appearance: black
- NLGI grade 00*
- Denomination acc. to DIN 51502: GPFHC 00 K-40

Thickener	Polyurea		
Unworked penetration	1/10 mm	400 - 430	DIN ISO 2137
Corrosion protection (EMCOR test)	degree of corrosion	0 and 1	DIN 51802
Four ball weld load	N	≥ 2000	DIN 51350-4
Solid lubricants		Graphite	
Base oil	Polyalphaolefin - PAO		
Kin. viscosity at 40 °C	mm ² /s	approx. 400	DIN 51562
Kin. viscosity at 100 °C	mm ² /s	approx. 40	DIN 51562

Lubrication Solutions for Industry

BECHEM develops, produces and sells high-performance lubricants and process media all over the world. The product range covers the fields of special lubricants, lubricants for industry and lubricants for metal working and forming technology. All product formulations are based on latest tribological knowledge.

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.

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