# Berulit GA 800

Open gear lubricant



### **Examples of Application**

- Open gear drives of rotary kilns, ball mills, rod mills and autogenous mills, dryers and mixing drums
- Open gear drives of drum barkers in wood preparation
- Chains of large diameters
- Closed wire ropes

## Properties

- Very good adhesion to metal surfaces
- High lubricant film pressure resistance
- Excellent wear protection by the use of special additives and solid lubricants
- Free from bitumen, solvent and heavy metals

### Characteristic data

- Service temperature:
- -10 ℃ to +180 ℃
- Thermal stability:
   -30 ℃ to +250 ℃

 Slew ring gears of converters and ladles

crushers and excavators with spray or

Slew ring gears of cranes, stackers,

central lubrication systems

- Highly stressed toothed couplingsHighly stressed plain bearing guides
- Thyrny stressed plain bearing guides
- No hardening or brittling of lubricant film
- No strong tendency to dust absorption
- Appearance: grey-black
- NLGI grade: 0 00
- Denomination acc. to DIN 51502: OGPF 0 R-10

Thickener	Aluminium-complex soap		
Worked penetration	1/10 mm	380 - 410	DIN ISO 2137
Timken-test (mixed friction) Load Wear	lbs mg	≥ 50 ≤ 5	CB-F-017 acc. to SEB 181 302
Four ball weld load	Ν	≥ 7000	DIN 51350-4
FZG-Test A/2,8/50 Damage load stage Specific wear	mg/kWh	≥ 12 ≤ 0,2	DIN ISO 14635-3
Solid lubricants	Graphite ultra-fine		
Content	%	approx. 10	
Base Oil	Mineral oil		
Kin. viscosity at 40 ℃	mm²/s	approx. 1050	DIN 51562
Kin. viscosity at 100 °C	mm²/s	approx. 43	DIN 51562

### Instructions for use

Preferably applied by automatic spray systems

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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CARL BECHEM GMBH

 Weststr. 120

 58089 Hagen · Germany

 Phone
 +49 2331 935-0

 Fax
 +49 2331 935-1199

 bechem@bechem.de

 www.bechem.com