

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
- Slew ring gears of cranes, stackers, crushers and excavators with spray or central lubrication systems
- Slew ring gears of converters and ladles
- Highly stressed toothed couplings
- Highly stressed plain bearing guides

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
- No hardening or brittling of lubricant film
- No strong tendency to dust absorption

Characteristic data

- Service temperature:
-10 °C to +180 °C
- Thermal stability:
-30 °C to +250 °C
- 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	lbs	≥ 50	CB-F-017 acc. to
Wear	mg	≤ 5	SEB 181 302
Four ball weld load	N	≥ 7000	DIN 51350-4
FZG-Test A/2,8/50			
Damage load stage		≥ 12	DIN ISO
Specific wear	mg/kWh	≤ 0,2	14635-3
Solid lubricants	Graphite ultra-fine		
Content	%	approx. 10	
Base Oil	Mineral oil		
Kin. viscosity at 40 °C	mm ² /s	approx. 1050	DIN 51562
Kin. viscosity at 100 °C	mm ² /s	approx. 43	DIN 51562

Instructions for use

- Preferably applied by automatic spray systems

Lubrication Solutions for Industry

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