

LGEP 2

SKF High Load, Extreme Pressure Bearing Grease

SKF LGEP 2 is mineral oil based, lithium soap thickened grease with extreme pressure additives. This grease provides good lubrication in general applications subjected to harsh conditions and vibrations.

- Excellent mechanical stability
- Extremely good corrosion inhibiting properties
- Excellent EP performance

Typical applications:

- Pulp and paper making machines
- Jaw crushers
- Traction motors for rail vehicles
- Dam gates
- Work roll bearings in steel industry
- Heavy machinery, vibrating screens
- Crane wheels, sheaves
- Slewing bearings



Technical data

Designation	LGEP 2/(pack size)	
DIN 51825 code	KP2G-20	
NLGI consistency class	2	
Soap type	Lithium	
Colour	Light brown	
Base oil type	Mineral	
Operating temperature range	-20 to +110 °C (-5 to +230 °F)	
Dropping point DIN ISO 2176	>180 °C (>355 °F)	
Base oil viscosity:		
40 °C, mm ² /s	200	
100 °C, mm ² /s	16	
Penetration DIN ISO 2137		
60 strokes, 10 ⁻¹ mm	265-295	
100 000 strokes, 10 ⁻¹ mm	+50 max. (325 max.)	
Mechanical stability:		
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+50 max.	
V2F test	'M'	
Corrosion protection		
Emcor: - standard ISO 11007	0-0	
- water washout test	0-0	
- salt water test (100% seawater)	1-1*	
Water resistance		
DIN 51 807/1, 3 hrs at 90 °C	1 max.	
Oil separation		
DIN 51 817, 7 days at 40 °C, static, %	2-5	
Lubrication ability		
R2F, running test B at 120 °C	Pass	
Copper corrosion		
DIN 51 811, 110 °C	2 max.	
EP performance		
Wear scar DIN 51350/5, 1 400 N, mm	1,4 max	
4-ball test, welding load DIN 51350/4, N	2 800 min.	
Fretting corrosion		
ASTM D4170 (mg)	5,7*	
Available pack sizes	420 ml cartridge 1, 5, 18, 50, 180 kg TLMR	

* Typical value