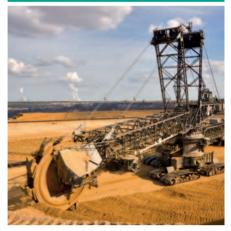
LGEV 2





Extremely high viscosity bearing grease with solid lubricants

SKF LGEV 2 is a mineral oil based grease, using a lithium-calcium soap. Its high content of molybdenum disulphide and graphite, in conjunction with an extremely high viscosity oil, provide outstanding protection under the harshest conditions involving high loads, slow rotations and severe vibrations.

- Extremely suitable for lubricating large sized spherical roller bearings subject to high loads and slow rotations, a situation where microslip is likely to occur
- Extremely mechanically stable providing good water resistance and corrosion protection

Typical applications

- Trunnion bearings on rotating drums
- Support and thrust rollers on rotary kilns and dryers
 - Bucket wheel excavators
 - Slewing ring bearings
 - High pressure roller mills
 - Crushers

Available pack sizes		LGEV 2/18
Packsize	Designation	
35 g tube	LGEV 2/0.035	Construction of the constr
420 ml cartridge	LGEV 2/0.4	
5 kg can	LGEV 2/5	C Without State
18 kg pail	LGEV 2/18	
50 kg drum	LGEV 2/50	
180 kg drum	LGEV 2/180	
TLMR	page 166	

Technical data					
Designation	LGEV 2				
DIN 51825 code	KPF2K-10	Corrosion protection			
NLGI consistency class	2	Emcor: – standard ISO 11007	0-0		
Thickener	Lithium/calcium	– water washout test – salt water test (100% seawater)	0-0 ¹) 0-0 ¹)		
Colour	Black	Water resistance			
Base oil type	Mineral	DIN 51 807/1, 3 hrs at 90 °C	1 max.		
Operating temperature range	–10 to +120 °C (15 to 250 °F)	Oil separation			
Dropping point DIN ISO 2176	>180 °C (>355 °F)	DIN 51 817, 7 days at 40 °C, static, %	1–5		
Base oil viscosity 40 °C, mm²/s 100 °C, mm²/s	1 020 58	Copper corrosion DIN 51 811 EP performance	1 max. at 100 °C (210 °F)		
Penetration DIN ISO 2137 60 strokes, 10 ⁻¹ mm 100 000 strokes, 10 ⁻¹ mm	265–295 325 max.	Wear scar DIN 51350/5, 1 400 N, mm 4-ball test, welding load DIN 51350/4 Shelf life	1,2 max. 3 000 min. 5 years		
Mechanical stability Roll stability, 72 hrs at 100 °C, 10−1 mm V2F test	+50 max. 'M'				