

## LGEV 2

# SKF 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



### Technical data

#### Designation LGEV 2/(pack size)

DIN 51825 code	KPF2K-10
NLGI consistency class	2
Soap type	Lithium/calcium
Colour	Black
Base oil type	Mineral
Operating temperature range	-10 to +120 °C (15 to 250 °F)
Dropping point DIN ISO 2176	>180 °C (>355 °F)
Base oil viscosity	
40 °C, mm <sup>2</sup> /s	1 020
100 °C, mm <sup>2</sup> /s	58
Penetration DIN ISO 2137	
60 strokes, 10 <sup>-1</sup> mm	265-295
100 000 strokes, 10 <sup>-1</sup> mm	325 max.
Mechanical stability	
Roll stability, 72 hrs at 100 °C, 10 <sup>-1</sup> mm	+50 max.
V2F test	'M'

#### Corrosion protection

Emcor: – standard ISO 11007	0-0
– water washout test	0-0*
– salt water test (100% seawater)	0-0*

#### Water resistance

DIN 51 807/1, 3 hrs at 90 °C	1 max.
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#### Oil separation

DIN 51 817, 7 days at 40 °C, static, %	1-5
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#### Copper corrosion

DIN 51 811, 110 °C	1 max. at 100 °C (210 °F)
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#### EP performance

Wear scar DIN 51350/5, 1 400 N, mm	1,2 max.
4-ball test, welding load DIN 51350/4	3 000 min.

#### Available pack sizes

	35 g tube
	420 ml cartridge
	5, 18, 50, 180 kg
	TLMR

\* Typical value