

## Description

SKF grease LGEM 2 is a high viscosity mineral oil based lithium soap thickened grease containing EP additives and molybdenum disulphide. The mineral oil used in LGEM 2 has high oxidation stability within the operating temperature range.

## Benefits

SKF grease LGEM 2 provides good lubrication for bearings operating under high loads and slow rotations. With the inclusion of molybdenum disulphide and graphite safety lubricants even if the oil film breaks down lubrication continues.



## Application

SKF grease LGEM 2 is suitable for the following applications:

- Rolling element bearings running at low speed and very high loads
- Jaw crushers
- Track laying machines
- Lift mast wheels
- Building machines such as mechanical rams, crane arms, crane hooks



## Available pack sizes

SYSTEM 24	420 ml cartridge	5 kg can	18 kg can	180 kg drum
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## Technical data

Designation	LGEM 2/(packsize)		
DIN 51825 code	KPF2K-20		<a href="#">i</a>
NLGI consistency class	2		<a href="#">i</a>
Soap type	lithium		<a href="#">i</a>
Colour	black		<a href="#">i</a>
Base oil type	mineral		<a href="#">i</a>
Operating temperature range, °C (°F)	-20 to 120 (-4 to 250)		<a href="#">i</a>
Dropping point DIN ISO 2176, °C (°F)	>180 (356)		<a href="#">i</a>
<b>Base oil viscosity</b>			
40 °C, mm <sup>2</sup> /s	500		
100 °C, mm <sup>2</sup> /s	32		
<b>Penetration DIN ISO 2137</b>			
60 strokes, 10 <sup>-1</sup> mm	265 - 295		<a href="#">i</a>
100 000 strokes, 10 <sup>-1</sup> mm	325 max.		
<b>Mechanical stability</b>			
Roll stability, 50 hours at 80 °C, change 10 <sup>-1</sup> mm	345 max.		
Roll stability, 72 hours at 100 °C, change 10 <sup>-1</sup> mm	-		
SKF V2F test	'M'		
<b>Corrosion protection</b>			
SKF Emcor:	Standard ISO 11007	0 - 0	<a href="#">i</a>
	Water washout test	0 - 0	
	Salt water test (100% seawater)	-	
<b>Water resistance</b>			
DIN 51 807/1, 3 hrs at 90 °C	1 max.		<a href="#">i</a>
<b>Oil separation</b>			
DIN 51 817, 7 days at 40 °C, static, %	1 - 5		<a href="#">i</a>
<b>Lubricating ability</b>			
SKF R2F, running test B	pass at 100 °C (212 °F)		<a href="#">i</a>
<b>Copper corrosion</b>			
DIN 51 811, 100 °C	2 max.		<a href="#">i</a>
<b>Rolling bearing grease life</b>			
SKF ROF test L50 life at 10 000 rpm, hrs	-		<a href="#">i</a>
<b>EP performance</b>			
Wear scar, DIN 51350/5, 1 400 N, mm	1,4 max.		<a href="#">i</a>

