

SKF Bearing Grease

General purpose, high load industrial bearing grease

LGNL 2

SKF LGNL 2 is a mineral oil based, anhydrous calcium soap thickened grease suitable for high load applications. This general purpose wide applications grease is an effective alternative for traditional general purpose and extreme pressure lithium based greases.

- Excellent water resistance and corrosion protection
- Good mechanical stability
- Good pumpability
- Excellent wear protection

Typical applications

- Agricultural equipment
- Conveyors
- Vibrating applications
- Mills and crushers



Available pack sizes

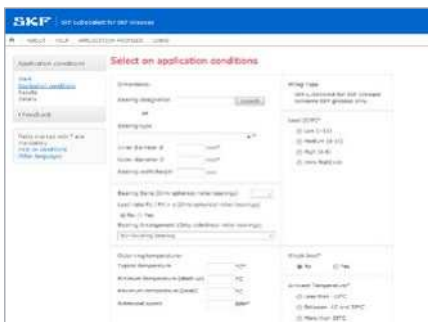
Packsize	Designation
420 ml cartridge	LGNL 2/0.4
5 kg can	LGNL 2/5
18 kg pail	LGNL 2/18
180 kg drum	LGNL 2/180



Technical data

Designation	LGNL 2/(pack size)		
DIN 51825 code	K2KP-30	Corrosion protection	
NLGI consistency class	2	Emcor:	
Thickener	Anhydrous calcium	– standard ISO 11007	0–0
Colour	Yellow brown	– water washout test	0–0
Base oil type	Mineral	Water resistance	
Operating temperature range	–30 to +110 °C (–22 to +230 °F)	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	140 °C min. (284 °F min.)	Oil separation	
Base oil viscosity		DIN 51 817, 7 days at 40 °C, %	1–5
40 °C, mm ² /s	220	Lubrication ability	
100 °C, mm ² /s	14	R2F, running test B at 120 °C	Pass
Penetration DIN ISO 2137		Copper corrosion	
60 strokes, 10 ⁻¹ mm	265–295	DIN 51 811	2 max. at 100 °C (212 °F)
100 000 strokes, 10 ⁻¹ mm	+50 max.	Rolling bearing grease life	
Mechanical stability		R0F test, L50 life at	
Roll stability,		10 000 r/min., hrs	1 000 min. at 110 °C (230 °F)
50 hrs at 80 °C, 10 ⁻¹ mm	+70 max.	EP performance	
V2F test	'M'	Wear scar DIN 51350/5,	1.8 max
		1 400 N, mm	
		4-ball test, welding load	2 800 min.
		DIN 51350/4. N	
		Shelf life	5 years

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

skf.com | skf.com/lubrication | skf.com/mapro

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