

SKF Grease

# General purpose, lubrication systems grease

## LGCC 2

SKF LGCC 2 is a general purpose grease specially engineered to deliver superior performance in a wide range of lubrication systems, particularly excelling in environments with very low temperatures. Its advanced formulation ensures exceptional water resistance and robust corrosion protection, making it ideal for demanding non-rolling bearing applications.

- Outstanding low-temperature performance
- Excellent water resistance
- Enhanced corrosion protection

### Typical applications

- Lubrication systems exposed to low to medium temperatures
- Construction machinery
- Forestry and agricultural equipment
- Collector trucks
- Chassis applications
- Hinges, Joints, articulations and linkages
- Slow rotating sliding bearings and bushings



### Available pack sizes

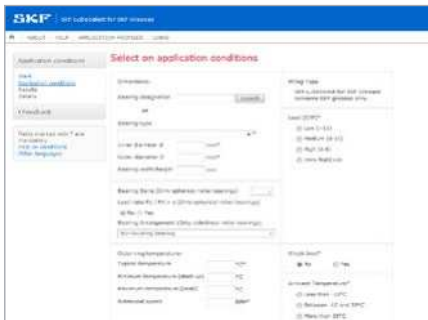
Pack size	Designation
18 kg pail	LGCC 2/18
180 kg drum	LGCC 2/180



## Technical data

Designation	LGCC 2		
DIN 51825 code	K1/2 G-50	Corrosion protection, Emcor	
NLGI consistency class	1-2	ISO 11007, Distilled water	0-0
Thickener	Anhydrous calcium	<b>Water resistance (max.)</b>	
Colour	Light brown	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Base oil type	Mineral	<b>Copper corrosion (max.)</b>	
Operating temperature range	-50 to +100 °C (-58 to +212 °F)	DIN 51811 / ASTM D4048, 24 hrs at 100 °C	1 max.
Dropping point (min), ISO 2176	>135 °C (275 °F)	<b>EP performance</b>	
Base oil viscosity, DIN 51562		4 ball - Weld load (min.) DIN 51350/4, N	2 000 min
40 °C, mm <sup>2</sup> /s	110	<b>Other data</b>	
100 °C, mm <sup>2</sup> /s	9	Flow pressure, DIN 51805-2	<1 400 at -50 °C (-58 °F)
<b>Penetration DIN ISO 2137</b>		Pumpability (P203), SKF FTG 6, °C/°F	Pumpable at -35
Worked, 60 strokes, 10 <sup>-1</sup> mm	300-325	Density (DIN 51757) at 20 °C (68 °F)	0.87
Prolonged (max.), 100 000 strokes, 10 <sup>-1</sup> mm	+70 max.	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](http://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](http://skf.com/lubeselect)

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