

SKF Bearing Grease

Biodegradable bearing grease

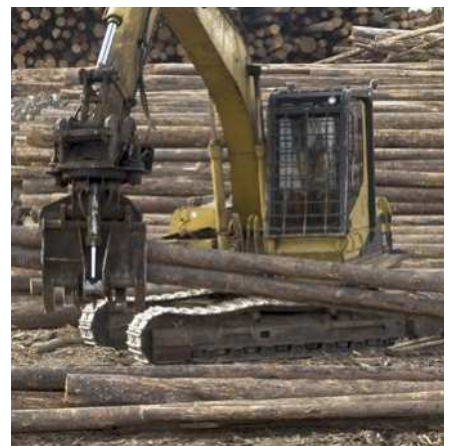
LGGB 2

SKF LGGB 2 is a biodegradable, low toxicity, synthetic ester oil based grease, using a lithium-calcium thickener. Its special formulation makes it most suitable for applications where environmental contamination is a concern.

- Good performance in applications with steel-on-steel spherical plain bearings, ball bearings and roller bearings
- Good low temperature start-up performance
- Good corrosion inhibiting properties
- Suitable for medium to high loads

Typical applications

- Agricultural and forestry equipment
- Construction and earthmoving equipment
- Mining and conveying equipment
- Water treatment and irrigation
- Locks, dams, bridges
- Linkages, rod ends



Available pack sizes

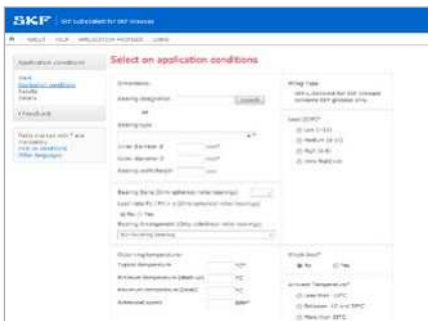
Packsizes	Designation
420 ml cartridge	LGGB 2/0.4
5 kg can	LGGB 2/5
18 kg pail	LGGB 2/18
Gas driven lubricator	
LAGD series 125 ml	LAGD 125/GB2



Technical data

Designation	LGGB 2/(pack size)		
ISO 12924 code	ISO-L-XD(L)CEB 2	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Lithium/calcium	Copper corrosion	
Colour	Light brown	DIN 51 811	2 max. at 100 °C (210 °F)
Base oil type	Synthetic ester	Water resistance	
Operating temperature range	–40 to +90 °C (–40 to +195 °F)	DIN 51 807/1, 3 hrs at 90 °C	0 max.
Dropping point DIN ISO 2176	>165 °C (>330 °F)	Oil separation	
Base oil viscosity		DIN 51 817, 7 days at 40 °C, static, %	1–3
40 °C, mm ² /s	110	Lubrication ability	
100 °C, mm ² /s	18	R2F, running test B at 120 °C	Pass at 90 °C (195 °F)
Penetration DIN ISO 2137		Rolling bearing grease life	
60 strokes, 10 ⁻¹ mm	265–295	ROF test L ₅₀ life at 10 000 r/min., hrs	1000 at 90 °C (195 °F)
100 000 strokes, 10 ⁻¹ mm	+50 max.	EP performance	
Mechanical stability		Wear scar DIN 51350/5, 1 400 N, mm	1.8 max.
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+70 max.	4–ball test, welding load DIN 51350/4, N	2 600 min.
		Shelf life	2 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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