

SKF Bearing Grease

Biodegradable bearing grease

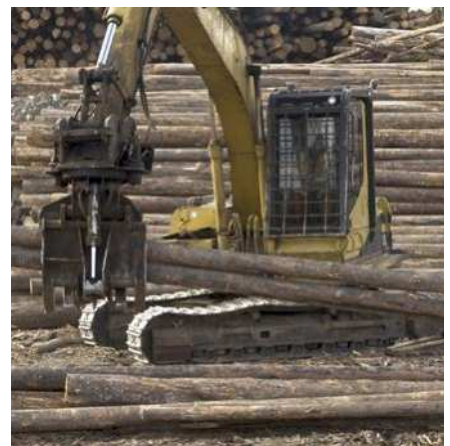
LGGB 2

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



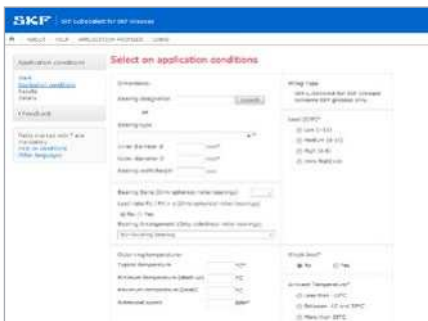
Available pack sizes

Packsize	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)			
DIN 51825 code	KPE 2K-40	Corrosion protection	Emcor: – standard ISO 11007	0–0
NLGI consistency class	2	Water resistance	DIN 51 807/1, 3 hrs at 90 °C	0 max.
Thickener	Lithium/calcium	Oil separation	DIN 51 817, 7 days at 40 °C, static, %	0,8–3
Colour	Off white	Lubrication ability	R2F, running test B at 120 °C	Pass at 100 °C (210 °F) ¹⁾
Base oil type	Synthetic ester	Rolling bearing grease life	ROF test L ₅₀ life at 10 000 r/min., hrs	1000 at 100 °C (212 °F)
Operating temperature range	–40 to +90 °C (–40 to +195 °F)	EP performance	Wear scar DIN 51350/5, 1 400 N, mm	1,8 max.
Dropping point DIN ISO 2176	>170 °C (>340 °F)	4-ball test, welding load DIN 51350/4, N		2 600 min.
Base oil viscosity		Shelf life		2 years
40 °C, mm ² /s	110			
100 °C, mm ² /s	13			
Penetration DIN ISO 2137				
60 strokes, 10 ⁻¹ mm	265–295			
100 000 strokes, 10 ⁻¹ mm	+50 max.			
Mechanical stability				
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+70 max.			

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

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