

LGFP 2

SKF Food Compatible Bearing Grease

SKF LGFP 2 is a clean, non-toxic bearing grease, which is based on medical white oil using an aluminium complex soap. This grease is formulated using only FDA* listed ingredients and is authorised by the NSF** for category H1*** service. SKF LGFP 2 is halal and kosher certified.

- Compliance with all existing laws concerning on food protection
- High resistance to water
- Excellent grease life
- Excellent corrosion resistance
- An essentially neutral pH value

Typical applications:

- Bakery equipment
- Food processing equipment
- Multi-pack cassette bearings
- Wrapping machines
- Conveyor bearings
- Bottling machines

* FDA: U.S. Food and Drug Administration

** NSF: U.S. National Sanitation Foundation

*** H1: Incidental contact with food



Technical data

Designation **LGFP 2/(pack size)**

DIN 51825 code	K2G-20
NLGI consistency class	2
Soap type	Aluminium complex
Colour	Transparent
Base oil type	Medical
Operating temperature range	-20 to +110 °C (-5 to +230 °F)
Dropping point DIN ISO 2176	>250 °C (>480 °F)
Base oil viscosity	
40 °C, mm ² /s	130
100 °C, mm ² /s	7,3
Penetration DIN ISO 2137	
60 strokes, 10 ⁻¹ mm	265-295
100 000 strokes, 10 ⁻¹ mm	+30 max.

Corrosion protection

Emcor: – standard ISO 11007 0-0

Water resistance

DIN 51 807/1,
3 hrs at 90 °C 1 max.

Oil separation

DIN 51 817,
7 days at 40 °C, static, % 1-5

Rolling bearing grease life

ROF test
L₅₀ life at 10 000 r/min., hrs 1 000 at 110 °C (230 °F)

EP performance

4-ball test,
welding load DIN 51350/4 1 100 min.

Available pack sizes

420 ml cartridge
1, 18, 180 kg
SKF SYSTEM 24
(LAGD/LAGE)



SKF lubricants offer major competitive advantages:

- Designed and tested to outperform under real conditions
- Product data include specific test results enabling a better selection
- Strict quality control of every production batch help ensure consistent performance
- Quality control allows SKF to offer a five-year shelf-life* from the date of production



Production processes and raw materials vastly influence grease properties and performance. It is virtually impossible to select or compare greases based only on their composition. Therefore, performance tests are needed to provide crucial information. In over 100 years, SKF has accrued vast knowledge about the interaction of lubricants, materials and surfaces.



This knowledge has led SKF, in many cases, to set industry standards in bearing lubricant testing. Emcor, ROF, ROF+, V2F, R2F and Bequiet are just some of the multiple tests developed by SKF to assess the performance of lubricants under bearing operating conditions. Many of them are widely used by lubricant manufacturers worldwide.

* SKF LGFP 2 food grade grease offers a two-year shelf-life from the date of production

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