

## 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 white oil
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 <sup>2</sup> /s	130
100 °C, mm <sup>2</sup> /s	7,3
Penetration DIN ISO 2137	
60 strokes, 10 <sup>-1</sup> mm	265-295
100 000 strokes, 10 <sup>-1</sup> 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  
L<sub>50</sub> life at 10 000 r/min., hrs 1 000 at 110 °C (230 °F)

#### EP performance

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

#### Available pack sizes

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