

LGFP 2

SKF food compatible bearing grease

LGFP 2 is clean, non-toxic bearing grease, which is based on medical white oil using an aluminium complex soap. LGFP 2 is NSF* H1** certified for use where incidental contact with food cannot be excluded. LGFP 2 is Halal and Kosher certified.

- Compliance with all existing legislation on food protection
- High resistance to water washout making it suitable for applications subject to frequent wash down
- Excellent grease life
- Excellent corrosion resistance
- An essentially neutral pH value
- Halal and Kohser certified

Typical applications:

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

* NSF – National Sanitation Foundation

** H1 – Incidental Contact with Food

Bearing operating conditions

Temperature	Medium
Speed	Medium
Load	Low to Medium
Vertical shaft	○
Fast outer ring rotation	—
Oscillating movements	—
Severe vibrations	—
Shock load or frequent start-up	—
Low noise	—
Low friction	○
Rust inhibiting properties	+
+ = Recommended ○ = Suitable — = Not suitable	

Available pack sizes LGFP 2

SYSTEM 24	420 ml cartridge	
1 kg can	18 kg can	180 kg drum



Re-lubrication



Technical data

Designations	LGFP 2		
DIN 51825 code	K2G-20	Water resistance	DIN 51 807/1, 3 hrs at 90 °C
NLGI consistency class	2		1 max.
Soap type	Aluminium complex	Oil separation	DIN 51 817, 7 days at 40 °C, static, %
Colour	Transparent		1 - 5
Base oil type	Medical white oil	Lubrication ability	SKF R2F, running test B at 120 °C
Operating temperature range, °C (°F)	-20 to 110 (-4 to 230)		-
Dropping point DIN ISO 2176, °C (°F)	250 min. (482 min.)	Copper corrosion	DIN 51 811, 110 °C
Base oil viscosity:			-
40 °C, mm ² /s	130	Rolling bearing grease life	SKF R0F test L50 life at 10 000 rpm, hrs
100 °C, mm ² /s	7,3		1 000 at 110 °C (230 °F)
Penetration DIN ISO 2137:		EP performance	
60 strokes, 10 ⁻¹ mm	265 - 295	Wear scar DIN 51350/5, 1 400 N, mm	-
100 000 strokes, 10 ⁻¹ mm	+30 max.	4-ball test, welding load DIN 51350/4	1 100 min.
Mechanical stability:		Fretting corrosion	
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	-	ASTM D4170 (mg)	-
SKF V2F test	-	Shelf life	2 years
Corrosion protection:		Food compatibility	
SKF Emcor:		NSF certified	H1 (reg. nr: 128004)
- standard ISO 11007	0 - 0	Designation	LGFP 2/(pack size)
- water washout test	-		
- salt water test (100% seawater)	-		

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