

SKF LGFG 2/0.4

General purpose food grade grease

A high performance food grade grease using complex calcium sulphonate thickener technology and a white mineral oil. It is suitable for applications subjected to high loads, wet environment and fluctuating temperatures encountered in the among others food and beverage industry.

Technical specifications

Dimensions	
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0

Performance	
Suitable for High load applications	●●●●○
Suitable for Vertical shaft applications	●●●○●
Suitable for applications with Oscilating movements	●●●●●
Suitable for applications with Severe vibrations	●●●●○
Suitable for applications that require Rust protection	●●●●○
Suitable for applications that require Water resistance	●●●●●
Suitable for applications that require Frequent start-up	●●●●○
Operating temperature range	Array °C
Load Range	Low - High C/P >4
Speed Range	Low - High
Dropping point (min) ISO 2176	280 °C
Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm)	265-295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm	+50
Mechanical stability, V2F test, 144 hrs	-
Corrosion protection, Emcor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl	0-0
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1
Oil separation DIN 51817, 40°C, %	1-5
Lubrication ability, R2F test B at 120°C	Pass
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1 max.
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 120°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1 mm
EP performance - 4 ball - Weld load (min.) DIN 51350/4	400 N
Maximum pressure (P _{max})	164513 bar

Properties	
Recommended applications	Conveyor bearings;Wrapping machines;Bottling machines
Category	Food grade bearing grease
Lubricant	LGFG 2
NLGI consistency class	2
Base oil viscosity DIN 51562 at 40 °C	150 mm²/s
Base oil viscosity DIN 51562 at 100 °C	16 mm²/s
Biodegradable	No
DIN 51825 code	KP2N-30
Thickener	Calcium sulphonate complex
Colour	Brown
Base oil type	White mineral
Shelf life	2 year
Certifications	NSF H1;Halal;Kosher

NSF Registration no.	164,513
Available for single point lubrication	yes

Logistics	
Product net weight	0.45 kg
eClass code	23-06-01-01
UNSPSC code	15121902