

LGFP 2/18



General purpose food grade grease

A clean, non-toxic bearing grease, which is based on medical white oil using an aluminium complex soap

- High resistance to water
- Excellent grease life
- Excellent corrosion resistance
- An essentially neutral pH value
- NSF H1 registered and Halal and Kosher certified

Overview

Performance

Speed (max.) n x dm (x 1000)	300
Dropping point (min) ISO 2176	250 °C
Base oil viscosity DIN 51562 at 40 °C	150 mm
Base oil viscosity DIN 51562 at 100 °C	15.3 mm
Penetration DIN ISO 2137, Worked, 60 strokes (10-1mm)	265-295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10-1mm	+60
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10-1mm	+50
Mechanical stability, V2F test, 144 hrs	-
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
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.at 120°C
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 110°C
EP performance - 4 ball - Wear	1 mm

scar (max.) DIN 51350/5, 1400N

EP performance - 4 ball - Weld load (min.) DIN 51350/4 1 100 N

Low temperature torque, Start/Running, mNm 137/51 at -30°C

Product weight 18 kg

Properties

Recommended applications	Conveyor bearings;Wrapping machines;Bottling machines
DIN 51825 code	K2G-20
NLGI consistency class	2
Thickener	Aluminium complex
Colour	Transparent
Base oil type	White mineral oil
Operating temperature range	-20 to +110 °C
Shelf life	2 year
Certifications	NSF H1;Halal;Kosher
NSF Registration no.	128004

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