

LGFQ 2/0.4



NOT FOUND

High load, water resistant and wide temperature food grade grease

A synthetic oil based grease using the latest complex calcium sulphonate thickener technology. It is suitable for applications subjected to high loads, wet environment and fluctuating temperatures encountered in the food and beverage industry.

- Excellent corrosion protection
- Excellent mechanical stability
- Excellent high load lubricating capacity
- Good false brinelling protection
- Good pumpability down to low temperatures
- NSF H1 registered and Halal and Kosher certified

Overview

Performance

Base oil viscosity DIN 51562 at 100 °C	30 mm
Base oil viscosity DIN 51562 at 40 °C	320 mm
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1b
Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl	1-1
Corrosion protection, Emcor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
Dropping point (min) ISO 2176	300 °C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1 mm
EP performance - 4 ball - Weld load (min.) DIN 51350/4	4 000 N
Low temperature torque, Start/Running, mNm	369/223 at -40°C
Lubrication ability, R2F test B at 120°C	Pass
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10-1mm	+30
Mechanical stability, V2F test, 144 hrs	-
Oil separation DIN 51817, 40°C, %	1-3
Penetration DIN ISO 2137, Prolonged	+30

(max.), 100 000 strokes, 10-1mm	
Penetration DIN ISO 2137, Worked, 60 strokes (10-1mm)	280-310
Product weight	0.4 kg
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 130°C
Speed (max.) n x dm (x 1000)	300
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1

Properties

Base oil type	Synthetic (PAO)
Certifications	NSF H1;Halal;Kosher
Colour	Brown
DIN 51825 code	KP1/2N-40
NLGI consistency class	1-2
NSF Registration no.	153759
Operating temperature range	-40 to +140 °C
Recommended applications	Pellet presses;Mills;Mixers
Shelf life	2 year
Thickener	Calcium sulphonate complex

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