



Image may differ from product. See technical specification for details.



LGFQ 2/18

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

Ask AI

Overview

Dimensions

Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
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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	-40 – 284 °F
Load Range	Low - Very High C/P >0
Speed Range	Very low - Medium
Dropping point (min) ISO 2176	572 °F
Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm)	280-310
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+30
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm	+30
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	1-1
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1
Oil separation DIN 51817, 40°C, %	1-3
Lubrication ability, R2F test B at 120°C	Pass
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1b
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 130°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1 in
EP performance - 4 ball - Weld load (min.) DIN 51350/4	4000 lbf

Properties

Recommended applications	Pellet presses Mills Mixers
Category	Food grade bearing grease
Lubricant	LGFQ 2
NLGI consistency class	1-2
Base oil viscosity DIN 51562 at 40 °C	320 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	30 mm ² /s
Biodegradable	No
DIN 51825 code	KP1/2N-40
Thickener	Calcium sulphonate complex
Colour	Brown
Base oil type	Synthetic (PAO)
Shelf life	2 year

Certifications	NSF H1 Halal Kosher
NSF Registration no.	153759
Available for single point lubrication	yes

Logistics

Product net weight	39.7 lb
eClass code	23-06-01-01
UNSPSC code	15121902

Compatible products

Recommended product

High load, water resistant and wide temperature food grade grease	LGFQ 2/0.4
High load, water resistant and wide temperature food grade grease	LGFQ 2/50
High load, water resistant and wide temperature food grade grease	LGFQ 2/180
SKF SYSTEM 24, gas driven single point automatic lubricator	LAGD 125/FQ2
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricator	LGFQ 2/SD125
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricator	LGFQ 2/SD250

Recommended tool

Air-driven grease pump for use on grease drums/ pails, mobile	LAGG 18AF
Grease pump for use on drums	LAGG 18M
Grease trolley for grease drums/ pails, for Air-driven grease pumps	LAGT 18-50F
Grease filler pump for use on drums	LAGF 18
Air-driven grease pump for use on grease drums/ pails, mobile	LAGG 18AE



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