



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

LGLT 2/18

Low temperature, extremely high speed bearing grease

A fully synthetic oil based grease using a lithium soap. Its unique thickener technology and low viscosity oil (PAO) provide excellent lubrication performances at very low temperatures and extremely high speeds.

- Low friction torque
- Quiet running
- Extremely good oxidation stability and resistance to water
- ndm values of $1,6 \times 10^6$ can be reached

Ask AI 

Overview

Dimensions

Corrosion protection, Emscor, ISO 11007, Distilled water	0-1
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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	-58 – 230 °F
Load Range	Low C/P ≥15
Speed Range	Medium - Extremely high
Dropping point (min) ISO 2176	356 °F
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	-
Mechanical stability, V2F test, 144 hrs	-
Corrosion protection, Emscor, ISO 11007 modified, Water washout	-
Corrosion protection, Emscor, ISO 11007 modified, 0.5% NaCl	-
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1
Oil separation DIN 51817, 40°C, %	<4
Lubrication ability, R2F test B at 120°C	-
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 100°C and 20000 r/min
EP performance - 4 ball - Weld load (min.) DIN 51350/4	2000 lbf

Properties

Category	Bearing grease
Lubricant	LGLT 2
NLGI consistency class	2
Base oil viscosity DIN 51562 at 40 °C	18 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	4.5 mm ² /s
Biodegradable	No
DIN 51825 code	K2G-50
Thickener	Lithium

Colour	Beige
Base oil type	PAO
Shelf life	5 year
Available for single point lubrication	No

Logistics

Product net weight	35.3 lb
eClass code	23-06-01-01
UNSPSC code	15121902

Compatible products

Recommended tool

Grease pump for use on drums	LAGG 18M
Lubrication tool accessories	TMBA G11DB
Air-driven grease pump for use on grease drums/ pails, mobile	LAGG 18AF
Grease trolley for grease drums/ pails, for Air-driven grease pumps	LAGT 18-50F
Air-driven grease pump for use on grease drums/ pails, mobile	LAGG 18AE



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