SKF LGLT 2/1

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 x 10■ can be reached

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■¹mm)	265 - 295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10■¹mm	+50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10■¹mm	-
Mechanical stability, V2F test, 144 hrs	-
Corrosion protection, Emcor, ISO 11007, Distilled water	0-1
Corrosion protection, Emcor, ISO 11007 modified, Water washout	-
Corrosion protection, Emcor, 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 mm²/s
Base oil viscosity DIN 51562 at 100 °C	4.5 mm²/s
Biodegradable	No
Food Grade	No
DIN 51825 code	K2G-50
Thickener	Lithium
Colour	Beige
Base oil type	PAO
Shelf life	5 year
Packsize	0.9 kg can
Available for single point lubrication	No

Logistics

Country of Manufacturing (COM code)	23 - Austria
Product net weight	1.98 lb
eClass code	23-06-01-01
UNSPSC code	15121902

Compatible products

Type	Designation	Description	Qty
Recommended product	**LGLT 2/0.2**	Low temperature, extremely high speed bearing grease	1
Recommended product	**LGLT 2/180**	Low temperature, extremely high speed bearing grease	1
Recommended product	**LGLT 2/25**	Low temperature, extremely high speed bearing grease	1