



Description

LGLT 2 is a premium quality, fully synthetic oil based grease using lithium soap thickener. Its unique thickener technology and its low viscosity oil (PAO) offer excellent lubrication performance at temperatures as low as -50 °C (-58 °F) and at extremely high speed n.dm values of 1.6×10^6 can be reached.

Benefits

Due to the low base oil viscosity, the friction torque and thus the power loss will be kept at a low level when lubricating using LGLT 2. SKF LGLT 2 offers excellent lubrication in quiet running behaviour and is therefore suitable for use in small electric motors. LGLT 2 provides extremely good oxidation stability and resistance to water.



Application

SKF grease LGLT 2 is suitable for the following applications:

- Textile spinning spindles
- Machine tool spindles
- Instruments and control equipment
- Small electric motors used in medical and dental equipment
- Inline skates



Available pack sizes

0,2 kg tube

1 kg can

25 kg drum

180 kg drum

Technical data

Designation	LGLT 2/(pack size)		
DIN 51825 code	K2G-50		i
NLGI consistency class	2		i
Soap type	lithium		i
Colour	beige		i
Base oil type	PAO		i
Operating temperature range, °C (°F)	-50 to 110 (-58 to 230)		i
Dropping point DIN ISO 2176, °C (°F)	180 min. (356 min.)		i
Base oil viscosity			
40 °C, mm ² /s	18		i
100 °C, mm ² /s	4,5		
Penetration DIN ISO 2137			
60 strokes, 10 ⁻¹ mm	265 - 295		i
100 000 strokes, 10 ⁻¹ mm	+50 max.		
Mechanical stability			
Roll stability, 50 hours at 80 °C, change 10 ⁻¹ mm	+50max.		
SKF V2F test	-		
Corrosion protection			
SKF Emscor:	Standard ISO 11007	0 - 1	i
	Water washout test	-	
	Salt water test (100% seawater)	-	
Water resistance			
DIN 51 807/1, 3 hrs at 90 °C	1 max.		i
Oil separation			
DIN 51 817, 7 days at 40 °C, static, %	< 4		i
Lubricating ability			
SKF R2F, running test B at 120 °C	-		i
Copper corrosion			
DIN 51 811, 100 °C	1 max.		i
Rolling bearing grease life			
SKF ROF test L50 life at 10 000 rpm, hrs	> 1 000, 20 000 rpm at 100 °C (212 °F)		i
EP performance			
Wear scar, DIN 51350/5, 1 400 N, mm	-		
4 ball test, welding load, DIN 51350/4	2 000 min		

