

LGHP 2

SKF High Performance High Temperature Bearing Grease

SKF LGHP 2 is a premium quality mineral oil based grease using a modern Polyurea (di urea) thickener. It is suitable for electric motors and similar applications.

- Extremely long life at high temperatures
- Wide temperature range
- Excellent corrosion protection
- High thermal and mechanical stability
- Good start up performance at low temperatures
- Compatibility with common polyurea and lithium thickened greases
- Low noise properties

Typical applications:

- Electric motors: Small medium and large
- Industrial fans including high speed fans
- Water pumps
- Rolling bearings in textile paper processing and drying machines
- Applications with medium and high speed ball (and roller) bearings operating at medium and high temperatures
- Clutch release bearings
- Critical shaft applications
- Kiln trucks and rollers



Technical data

Designation	LGHP 2/(pack size)
D N 51825 code	K2N 0
NLG consistency class	2
Soap type	Di urea
Colour	Blue
Base oil type	Mineral
Operating temperature range	0 to 150 (0 to 00 F)
Dropping point D N S 21	2 0 (5 F)
Base oil viscosity	
100 mm /s	10 5
Penetration D N S 21	
10 strokes 10 ⁻¹ mm	2 5 2 5
100 000 strokes 10 ⁻¹ mm	5 ma .
Mechanical stability	
Roll stability 50 hrs at 80 10 ⁻¹ mm	5 ma .
Corrosion protection	
Emcor: standard S 1100	0 0
water washout test	0 0
salt water test (100 seawater)	0 0

Water resistance	
D N 51 80 /1	
hrs at 0	1 ma .
Oil separation	
D N 51 81	
days at 0 static	1 5
Lubrication ability	
2F	
running test B at 120	Pass
Copper corrosion	
D N 51 811 110	1 ma .at150 (00 F)
Rolling bearing grease life	
OF test	1 000 min.
L ₅₀ life at 10 000 r/min. hrs	at 150 (00 F)
Fretting corrosion	
STM D 1 0 (mg)	
Available pack sizes	20 ml cartridge 1 5 18 50 180 kg SKF S STEM 2 (L GD/TLSD) TLM

Typical value



SKF lubricants offer major competitive advantages:

- Designed and tested to outperform under real conditions
- Product data include specific test results enabling a better selection
- Strict quality control of every production batch help ensure consistent performance
- Quality control allows SKF to offer a five year shelf life from the date of production



Production processes and raw materials vastly influence grease properties and performance. It is virtually impossible to select or compare greases based only on their composition. Therefore performance tests are needed to provide crucial information. In over 100 years SKF has accrued vast knowledge about the interaction of lubricants materials and surfaces.



This knowledge has led SKF in many cases to set industry standards in bearing lubricant testing. Emcor F F 2F 2F and Be quiet are just some of the multiple tests developed by SKF to assess the performance of lubricants under bearing operating conditions. Many of them are widely used by lubricant manufacturers worldwide.

SKF LGFP 2 food grade grease offers a two year shelf life from the date of production

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