# LGHP 2

## SKF High Performance High Temperature Bearing Grease

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

- E  tremely long life at high temperatures
- ide temperature range
- E  cellent corrosion protection
- High thermal and mechanical stability
- Good start  up performance at low temperatures
- ompatibility with common polyurea and lithium thickened greases
- Low noise properties

Typical applications:

- Electric motors: Small  medium and large
- ndustrial fans  including high speed fans
- ater pumps
- olling bearings in te  tile  paper processing and drying machines
- pplications with medium and high speed ball (and roller) bearings operating at medium and high temperatures
- lutch release bearings
- ertical 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 |
| olour | Blue |
| Base oil type | Mineral |
| perating temperature range | 0 to 150<br>( 0 to 00 F) |
| Dropping point D N S 21 | 2 0 ( 5 F) |
| Base oil viscosity<br>0 mm /s<br>100 mm /s | <br><br>10 5 |
| Penetration D N S 21<br>0 strokes 10 1 mm<br>100 000 strokes 10 1 mm | <br>2 5 2 5<br>5 ma . |
| Mechanical stability<br>oll stability 50 hrs at 80 10 1 mm | <br>5 ma . |
| orrosion protection<br>Emcor: standard S 1100<br>water washout test<br>salt water test (100 seawater) | <br>0 0<br>0 0<br>0 0 |

| | |
|---|---|
| ater resistance<br>D N 51 80 /1<br>hrs at 0 | <br><br>1 ma . |
| il separation<br>D N 51 81<br>days at 0 static | <br><br>1 5 |
| Lubrication ability<br>2F<br>running test B at 120 | <br><br>Pass |
| opper corrosion<br>D N 51 811 110 | <br>1 ma . at 150 ( 00 F) |
| olling bearing grease life<br>0F test<br>$L_{50}$ life at 10 000 r/min. hrs | <br>1 000 min.<br>at 150 ( 00 F) |
| Fretting corrosion<br>STM D 1 0 (mg) | <br> |
| vailable pack sizes | 20 ml cartridge<br>1 5 18<br>50 180 kg<br>SKF S STEM 2<br>(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 uality control of every production batch help ensure consistent performance
uality 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. t is virtually impossible to select or compare greases based only on their composition. Therefore performance tests are needed to provide crucial information. n 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 uiet 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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