

## LGHP 2

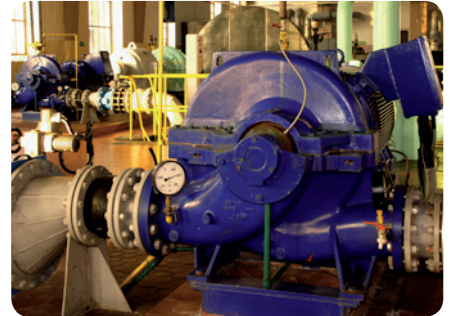
## SKF High Performance, High Temperature Bearing Grease

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
- Vertical shaft applications
- Kiln trucks and rollers



### Technical data

Designation	LGHP 2/(pack size)	
DIN 51825 code	K2N-40	
NLGI consistency class	2-3	
Soap type	Di-urea	
Colour	Blue	
Base oil type	Mineral	
Operating temperature range	-40 to +150 °C (-40 to +300 °F)	
Dropping point DIN ISO 2176	>240 °C (>465 °F)	
Base oil viscosity	40 °C, mm <sup>2</sup> /s	96
	100 °C, mm <sup>2</sup> /s	10,5
Penetration DIN ISO 2137	60 strokes, 10 <sup>-1</sup> mm	245-275
	100 000 strokes, 10 <sup>-1</sup> mm	365 max.
	Mechanical stability	
Roll stability, 50 hrs at 80 °C, 10 <sup>-1</sup> mm	365 max.	
Corrosion protection	Emcor: - standard ISO 11007	0-0
	- water washout test	0-0
	- salt water test (100% seawater)	0-0
	Water resistance	
DIN 51 807/1, 3 hrs at 90 °C	1 max.	
Oil separation	DIN 51 817, 7 days at 40 °C, static, %	1-5
	Lubrication ability	
R2F, running test B at 120 °C	Pass	
Copper corrosion	DIN 51 811, 110 °C	1 max. at 150 °C (300 °F)
	Rolling bearing grease life	ROF test
L <sub>50</sub> life at 10 000 r/min., hrs		at 150 °C (300 °F)
Fretting corrosion	ASTM D4170 (mg)	7*
	Available pack sizes	420 ml cartridge
1, 5, 18, 50, 180 kg		
SKF SYSTEM 24 (LAGD/TLSD), TLMR		

\* Typical value