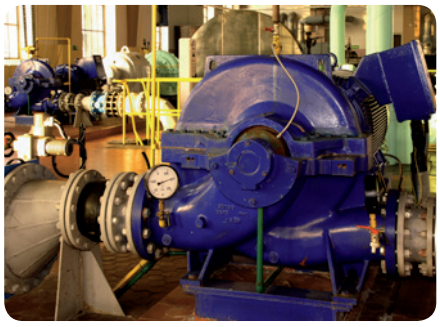
LGHP 2

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^2/s	96
100 °C, mm^2/s	10,5
Penetration DIN ISO 2137	
60 strokes, 10^{-1} mm	245–275
100 000 strokes, 10^{-1} mm	365 max.
Mechanical stability	
Roll stability, 50 hrs at 80 °C, 10^{-1} 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	
R0F test	1 000 min.
L_{50} 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