



## SKF LGHP 2/1

High performance, high temperature bearing grease

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

### Technical specifications

| Dimensions   |                         |
|--|-------------------------|
| Corrosion protection, Emcor, ISO 11007, Distilled water                                      | 0-0                     |
| Performance  |                         |
| Suitable for High load applications  | ●●●●●                   |
| Suitable for Vertical shaft applications   | ●●●●●                   |
| Suitable for applications with Oscilating movements  | ●●●●●                   |
| Suitable for applications with Severe vibrations   | ●●●●●                   |
| Suitable for applications that require Rust protection                                       | ●●●●●                   |
| Suitable for applications that require Water resistance                                      | ●●●●●                   |
| Suitable for applications that require Frequent start-up                                     | ●●●●●                   |
| Operating temperature range  | Array °C                |
| Load Range   | Low - Medium C/P > 8    |
| Speed Range  | Medium - High           |
| Dropping point (min) ISO 2176  | 240 °C                  |
| Penetration DIN ISO 2137, Worked, 60 strokes (10 <sup>-1</sup> mm)                           | 245 - 275               |
| Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 <sup>-1</sup> mm             | 365 max.                |
| Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 <sup>-1</sup> mm | 365 max.                |
| Mechanical stability, V2F test, 144 hrs  | -                       |
| Corrosion protection, Emcor, ISO 11007 modified, Water washout                               | 0-0                     |
| Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl                                   | 0-0                     |
| Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C  | 1                       |
| Oil separation DIN 51817, 40°C, %  | 3 max.                  |
| Lubrication ability, R2F test B at 120°C   | Pass at 100°C           |
| Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C                               | 1 max. at 150°C         |
| Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C                | 1000 at 150°C           |
| Properties   |                         |
| Category   | Bearing grease          |
| Lubricant  | LGHP 2                  |
| NLGI consistency class   | 2-3                     |
| Base oil viscosity DIN 51562 at 40 °C  | 96 mm <sup>2</sup> /s   |
| Base oil viscosity DIN 51562 at 100 °C   | 10.5 mm <sup>2</sup> /s |
| Biodegradable  | No                      |
| DIN 51825 code   | K2N-40                  |
| Thickener  | Polyurea                |
| Colour   | Blue                    |
| Base oil type  | Mineral                 |
| Shelf life   | 5 year                  |
| Available for single point lubrication   | no                      |
| Logistics  |                         |
| Product net weight   | 1 kg                    |
| eClass code  | 23-06-01-01             |
| UNSPSC code  | 15121902                |