



### Description

SKF grease LGEV 2 is a high viscosity mineral oil based lithium-calcium soap thickened grease containing molybdenum disulphide, graphite and other non-lead EP additives. SKF grease LGEV 2 can be used from -10 °C (14 °F) and up to 120 °C (250 °F) still providing good lubrication.

### Application

SKF grease LGEV 2 is suitable for the following applications:

- Trunnion bearings on rotating drums
- Support and thrust rollers on rotary kilns and dryers
- Bucket wheel excavators
- Slewing ring bearings
- High pressure roller mills

### Benefits

With the inclusion of molybdenum disulphide and graphite solid safety lubricants LGEV 2 will continue to lubricate even if the oil film breaks down. For large sized spherical roller bearings subject to high loads and slow rotations, a situation where microslip occurs LGEV 2 is extremely suitable. LGEV 2 is extremely mechanically stable providing good water resistance and corrosion protection.



### Available pack sizes

|           |                  |          |           |            |             |
|-----------|------------------|----------|-----------|------------|-------------|
| 35 g tube | 420 ml cartridge | 5 kg can | 18 kg can | 50 kg drum | 180 kg drum |
|-----------|------------------|----------|-----------|------------|-------------|

### Technical data

|  |                                 | LGEV 2/(packsize)      |                   |
|--|---------------------------------|------------------------|-------------------|
| <b>Designation</b>   |                                 | KPF2K-10               | <a href="#">i</a> |
| <b>DIN 51825 code</b>  |                                 | 2                      | <a href="#">i</a> |
| <b>NLGI consistency class</b>                                  |                                 | lithium-calcium        | <a href="#">i</a> |
| <b>Soap type</b>   |                                 | black                  | <a href="#">i</a> |
| <b>Colour</b>  |                                 | mineral                | <a href="#">i</a> |
| <b>Base oil type</b>   |                                 | -10 to 120 (14 to 250) | <a href="#">i</a> |
| <b>Operating temperature range, °C (°F)</b>                    |                                 | >180 (356)             | <a href="#">i</a> |
| <b>Dropping point DIN ISO 2176, °C (°F)</b>                    |                                 |                        | <a href="#">i</a> |
| <b>Base oil viscosity</b>                                      |                                 |                        | <a href="#">i</a> |
| 40 °C, mm <sup>2</sup> /s                                      |                                 | 1 020                  |                   |
| 100 °C, mm <sup>2</sup> /s                                     |                                 | 58                     |                   |
| <b>Penetration DIN ISO 2137</b>                                |                                 |                        | <a href="#">i</a> |
| 60 strokes, 10 <sup>-1</sup> mm                                |                                 | 265 - 295              |                   |
| 100 000 strokes, 10 <sup>-1</sup> mm                           |                                 | 325 max.               |                   |
| <b>Mechanical stability</b>                                    |                                 |                        | <a href="#">i</a> |
| Roll stability, 72 hours at 100 °C, change 10 <sup>-1</sup> mm |                                 | 50 max.                |                   |
| SKF V2F test   |                                 | 'M'                    |                   |
| <b>Corrosion protection</b>                                    |                                 |                        | <a href="#">i</a> |
| SKF Emcor:   | Standard ISO 11007              | 0 - 0                  |                   |
|  | Water washout test              | -                      |                   |
|  | Salt water test (100% seawater) | 0 - 0                  |                   |
| <b>Water resistance</b>  |                                 |                        | <a href="#">i</a> |
| DIN 51 807/1, 3 hrs at 90 °C                                   |                                 | 1 max.                 |                   |
| <b>Oil separation</b>  |                                 |                        | <a href="#">i</a> |
| DIN 51 817, 7 days at 40 °C, static, %                         |                                 | 1 - 5                  |                   |
| <b>Lubricating ability</b>                                     |                                 |                        | <a href="#">i</a> |
| SKF R2F, running test B  |                                 | -                      |                   |
| <b>Copper corrosion</b>  |                                 |                        | <a href="#">i</a> |
| DIN 51 811, 100 °C   |                                 | 1 max.                 |                   |
| <b>Rolling bearing grease life</b>                             |                                 |                        | <a href="#">i</a> |
| SKF R0F test L50 life at 10 000 rpm, hrs                       |                                 | -                      |                   |
| <b>EP performance</b>  |                                 |                        | <a href="#">i</a> |
| Wear scar, DIN 51350/5, 1 400 N, mm                            |                                 | 0,7                    |                   |
| 4 ball test, welding load, DIN 51350/4                         |                                 | 3 000 min.             |                   |

