

# SKF LGMT 3/5

General purpose industrial and automotive bearing grease



A mineral oil based, lithium soap thickened grease. This premium quality, general purpose grease is suitable for a wide range of industrial and automotive applications requiring stiff grease.

- Excellent rust inhibiting properties
- High oxidation stability within its recommended temperature range

## 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                                                                  | -22 – 248 °F         |
| Load Range                                                                                   | Low - Medium C/P > 8 |
| Speed Range                                                                                  | Medium               |
| Dropping point (min) ISO 2176                                                                | 356 °F               |
| Penetration DIN ISO 2137, Worked, 60 strokes (10 <sup>-1</sup> mm)                           | 220 - 250            |
| Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 <sup>-1</sup> mm             | 280                  |
| Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 <sup>-1</sup> mm | 295                  |
| Mechanical stability, V2F test, 144 hrs                                                      | M                    |
| Corrosion protection, Emcor, ISO 11007, Distilled water                                      | 0-0                  |
| Corrosion protection, Emcor, ISO 11007 modified, Water washout                               | 0-0                  |
| Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl                                   | -                    |

|                                                                               |                |
|-------------------------------------------------------------------------------|----------------|
| Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C                           | 1              |
| Oil separation DIN 51817, 40°C, %                                             | 1-3            |
| Lubrication ability, R2F test B at 120°C                                      | Pass           |
| Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C                | 2 max.at 130°C |
| Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C | 1000 at 130°C  |

## Properties

|                                        |                |
|----------------------------------------|----------------|
| Category                               | Bearing grease |
| Lubricant                              | LGMT 3         |
| NLGI consistency class                 | 3              |
| Base oil viscosity DIN 51562 at 40 °C  | 125 mm²/s      |
| Base oil viscosity DIN 51562 at 100 °C | 12 mm²/s       |
| Biodegradable                          | No             |
| Food Grade                             | No             |
| DIN 51825 code                         | K3K-30         |
| Thickener                              | Lithium        |
| Colour                                 | Amber          |
| Base oil type                          | Mineral        |
| Shelf life                             | 5 year         |
| Available for single point lubrication | yes            |

## Logistics

|                                     |              |
|-------------------------------------|--------------|
| Country of Manufacturing (COM code) | 17 - Belgium |
| Product net weight                  | 11 lb        |
| eClass code                         | 23-06-01-01  |
| UNSPSC code                         | 15121902     |

## Compatible products

| Type                | Designation       | Description                                              | Qty |
|---------------------|-------------------|----------------------------------------------------------|-----|
| Recommended product | <b>LGMT 3/0.4</b> | General purpose industrial and automotive bearing grease | 1   |
| Recommended product | <b>LGMT 3/0.5</b> | General purpose industrial and automotive bearing grease | 1   |
| Recommended product | <b>LGMT 3/1</b>   | General purpose industrial and automotive bearing grease | 1   |
| Recommended product | <b>LGMT 3/18</b>  | General purpose industrial and automotive bearing grease | 1   |
| Recommended product | <b>LGMT 3/180</b> | General purpose industrial and automotive bearing grease | 1   |

| Type                | Designation      | Description                                              | Qty |
|---------------------|------------------|----------------------------------------------------------|-----|
| Recommended product | <b>LGMT 3/50</b> | General purpose industrial and automotive bearing grease | 1   |