



Image may differ from product. See technical specification for details.



LGMT 3/18

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

Overview

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 | -30 – 120 °C |
| Load Range | Low - Medium C/P > 8 |
| Speed Range | Medium |
| Dropping point (min) ISO 2176 | 180 °C |
| Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm) | 220 - 250 |
| Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm | 280 |
| Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm | 295 |
| Mechanical stability, V2F test, 144 hrs | M |
| 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 mm ² /s |
| Base oil viscosity DIN 51562 at 100 °C | 12 mm ² /s |
| Biodegradable | 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

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|--------------------|-------|
| Product net weight | 18 kg |
|--------------------|-------|

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|-------------|-------------|
| eClass code | 23-06-01-01 |
| UNSPSC code | 15121902 |

Compatible products

Recommended product

| | |
|----------------------------------------------------------|----------------------------|
| General purpose industrial and automotive bearing grease | LGMT 3/0.4 |
| General purpose industrial and automotive bearing grease | LGMT 3/0.5 |
| General purpose industrial and automotive bearing grease | LGMT 3/1 |
| General purpose industrial and automotive bearing grease | LGMT 3/180 |
| General purpose industrial and automotive bearing grease | LGMT 3/5 |
| General purpose industrial and automotive bearing grease | LGMT 3/50 |

Recommended tool

| | |
|---------------------------------------------------------------------|-----------------------------|
| Grease pump for use on drums | LAGG 18M |
| Lubrication tool accessories | TMBA G11DB |
| Air-driven grease pump for use on grease drums/ pails, mobile | LAGG 18AF |
| Grease trolley for grease drums/ pails, for Air-driven grease pumps | LAGT 18-50F |
| Air-driven grease pump for use on grease drums/ pails, mobile | LAGG 18AE |



Terms of use