



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



## LGWM 2/0.4

### High loads, wide temperature bearing grease

A synthetic-mineral oil based grease using the latest complex calcium sulphonate thickener technology. It is suitable for applications subjected to high loads, wet environments and fluctuating temperatures.

- Excellent corrosion protection
- Excellent mechanical stability
- Excellent high load lubricating capabilities
- Good flake brinelling protection
- Good pumpability down to low temperatures

## Overview

### Dimensions

Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
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### Performance

Suitable for High load applications	+
Suitable for Vertical shaft applications	0
Suitable for applications with Oscillating 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	-40 – 230 °F
Dropping point (min) ISO 2176	572 °F
Penetration DIN ISO 2137, Worked, 60 strokes (10 <sup>-1</sup> mm)	280-310
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 <sup>-1</sup> mm	+30
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 <sup>-1</sup> mm	+30
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
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	2 max.
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 110°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	2 in
EP performance - 4 ball - Weld load (min.) DIN 51350/4	4000 lbf

### Properties

NLGI consistency class	1-2
Base oil viscosity DIN 51562 at 40 °C	80 mm <sup>2</sup> /s
Base oil viscosity DIN 51562 at 100 °C	10 mm <sup>2</sup> /s
Speed (max.) n x dm (x 1000)	300
DIN 51825 code	KP2G-40
Thickener	Calcium sulphonate complex
Colour	Ligth brown
Base oil type	Mineral/PAO
Shelf life	5 year
Packsize	420 ml cartridge
Available for single point lubrication	no

### Logistics

Product net weight	0.88 lb
eClass code	23-06-01-01
UNSPSC code	15121902

### Compatible products

### Recommended product

High loads, wide temperature bearing grease	<a href="#">LGWM 2/18</a>
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High loads, wide temperature bearing grease	<a href="#">LGWM 2/180</a>
High loads, wide temperature bearing grease	<a href="#">LGWM 2/5</a>
High loads, wide temperature bearing grease	<a href="#">LGWM 2/50</a>

## Recommended tool

Battery-driven grease guns	<a href="#">TLGB 20</a>
Battery-driven grease guns	<a href="#">TLGB 20/110V</a>
Battery driven grease gun	<a href="#">TLGB 1262-E</a>
Battery driven grease gun	<a href="#">TLGB 1886-E</a>
Manual operated grease gun	<a href="#">TLGH 1</a>
Manual operated grease gun	<a href="#">1077600</a>
Manual operated grease gun	<a href="#">1077600 H</a>
Manual operated grease gun set	<a href="#">1077600/SET</a>
Manual operated grease gun, one handed	<a href="#">LAGH 400</a>



## Terms of use