

# LGWM 2/0.4



NOT FOUND

## 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 flase brinelling protection
- Good pumpability down to low temperatures

## Overview

### Performance

Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	2 max.
Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl	0-0
Corrosion protection, Emcor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
Dropping point (min) ISO 2176	572 °F
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	0.079 in
EP performance - 4 ball - Weld load (min.) DIN 51350/4	899 lbf
Low temperature torque, Start/Running, mNm	900/200 at -40°C
Lubrication ability, R2F test B at 120°C	Pass
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10-1mm	+30
Mechanical stability, V2F test, 144 hrs	-
Oil separation DIN 51817, 40°C, %	3 max.
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10-1mm	+30
Penetration DIN ISO 2137, Worked, 60 strokes (10-1mm)	280-310
Product weight	0.882 lb
Rolling bearing grease life (max.) ROF	1000 at 110°C

test, L50 life, 10000 r/min, hrs at °C

Speed (max.) n x dm (x 1000)	300
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1

### Properties

Base oil type	Mineral/PAO
Colour	Ligth brown
DIN 51825 code	KP2G-40
NLGI consistency class	1-2
Operating temperature range	-40 to +110 °C
Thickener	Calcium sulphonate complex

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