



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, Emscor, 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	-40 – 230 °F
Load Range	Low - High C/P > 4
Speed Range	Low - Medium
Dropping point (min) ISO 2176	572 °F
Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm)	280-310
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+30
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm	+30
Mechanical stability, V2F test, 144 hrs	-
Corrosion protection, Emscor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emscor, 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
Anti-fretting performance, ASTM D7594, 0.3mm at 50°C	<0.2

Properties

Category	Bearing grease
Lubricant	LGWM 2
NLGI consistency class	1-2
Base oil viscosity DIN 51562 at 40 °C	80 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	10 mm ² /s
Biodegradable	No
DIN 51825 code	KP2G-40
Thickener	Calcium sulphonate complex
Colour	Ligth brown
Base oil type	Mineral/PAO
Shelf life	5 year
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	LGWM 2/18
High loads, wide temperature bearing grease	LGWM 2/180
High loads, wide temperature bearing grease	LGWM 2/5
High loads, wide temperature bearing grease	LGWM 2/50

Recommended tool

Battery-driven grease guns	TLGB 20
Battery-driven grease guns	TLGB 20/110V
Battery driven grease gun	TLGB 1262-E
Battery driven grease gun	TLGB 1886-E
Manual operated grease gun	TLGH 1
Manual operated grease gun	1077600
Manual operated grease gun	1077600 H
Manual operated grease gun set	1077600/SET
Manual operated grease gun, one handed	LAGH 400



Terms of use