



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



LGWA 2/50

Wide temperature range, extreme pressure, high load bearing grease

A premium quality mineral oil based, lithium complex grease with extreme pressure (EP) performance. LGWA 2 is recommended for industrial and automotive applications when loads or temperatures exceed the range of general purpose greases.

- Excellent lubrication at very peak temperatures for short periods
- Protection of wheel bearings operating under severe conditions
- Effective lubrication in wet conditions
- Good water and corrosion resistance
- Excellent lubrication under high loads and low speeds

Ask AI 

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	
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 – 284 °F
Load Range	Low - High C/P > 4
Speed Range	Low - Medium
Dropping point (min) ISO 2176	482 °F
Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm)	265 - 295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm	+50
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, %	1-5
Lubrication ability, R2F test B at 120°C	Pass at 100°C
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	min. 1000 at 265°F
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1.8 in
EP performance - 4 ball - Weld load (min.) DIN 51350/4	2600 lbf

Properties

Recommended applications	Fans and electric motors Conveyor head and tail pulley bearings
Category	Bearing grease
Lubricant	LGWA 2
NLGI consistency class	2
Base oil viscosity DIN 51562 at 40 °C	250 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	17 mm ² /s
Biodegradable	No
DIN 51825 code	KP2N-30
Thickener	Lithium complex
Colour	Amber
Base oil type	Mineral
Shelf life	5 year
Available for single point lubrication	yes

Logistics

Product net weight	110 lb
eClass code	23-06-01-01
UNSPSC code	15121902

Compatible products

Recommended product

Wide temperature range, extreme pressure, high load bearing grease	LGWA 2/0.2
Wide temperature range, extreme pressure, high load bearing grease	LGWA 2/0.4
Wide temperature range, extreme pressure, high load bearing grease	LGWA 2/1
Wide temperature range, extreme pressure, high load bearing grease	LGWA 2/18
Wide temperature range, extreme pressure, high load bearing grease	LGWA 2/180
Wide temperature range, extreme pressure, high load bearing grease	LGWA 2/5
SKF SYSTEM 24, gas driven single point automatic lubricator	LAGD 60/WA2
SKF SYSTEM 24, gas driven single point automatic lubricator	LAGD 125/WA2
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricator	LGWA 2/SD125
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricator	LGWA 2/SD250
SKF SYSTEM 24 single point lubricator	TLSD 125/WA2
SKF SYSTEM 24 single point lubricator	TLSD 250/WA2
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricant dispenser	LGWA 2/MR120B
Refill cartridge grease filled, without battery for Electro-mechanical single point lubricant dispenser	LGWA 2/MR120
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricant dispenser	LGWA 2/MR380B
Refill cartridge grease filled, without battery for Electro-mechanical single point lubricant dispenser	LGWA 2/MR380

Recommended tool

Air-driven grease pump for use on grease drums, stationary	LAGG 50AF
Grease trolley for grease drums/ pails, for Air-driven grease pumps	LAGT 18-50F
Air-driven grease pump for use on grease drums, stationary	LAGG 50AE
Grease trolley for grease drums/ pails, for Air-driven grease pumps	LAGT 18-50



Terms of use