SKF LGWA 2/0.2

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

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	High C/P ~ 4
Speed Range	Medium
Dropping point (min) ISO 2176	482 °F
Penetration DIN ISO 2137, Worked, 60 strokes (10■¹mm)	265 - 295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10■¹mm	+50 (325 max)
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10■¹mm	+50
Mechanical stability, V2F test, 144 hrs	M
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
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 mm²/s
Base oil viscosity DIN 51562 at 100 °C	17 mm²/s
Biodegradable	No
Food Grade	No
DIN 51825 code	KP2N-30
Thickener	Lithium complex
Colour	Amber
Base oil type	Mineral
Shelf life	5 year
Packsize	200 g tube
Available for single point lubrication	yes

Logistics

Country of Manufacturing (COM code)	11 - Sweden
Product net weight	0.44 lb
eClass code	23-06-01-01
UNSPSC code	15121902

Compatible products

Type	Designation	Description	Qty
Recommended product	**LGWA 2/0.4**	Wide temperature range, extreme pressure, high load bearing grease	1
Recommended product	**LGWA 2/1**	Wide temperature range, extreme pressure, high load bearing grease	1
Recommended product	**LGWA 2/18**	Wide temperature range, extreme pressure, high load bearing grease	1
Recommended product	**LGWA 2/180**	Wide temperature range, extreme pressure, high load bearing grease	1
Recommended product	**LGWA 2/5**	Wide temperature range, extreme pressure, high load bearing grease	1
Recommended product	**LGWA 2/50**	Wide temperature range, extreme pressure, high load bearing grease	1
Recommended product	**LAGD 60/WA2**	SKF SYSTEM 24, gas driven single point automatic lubricator, 60 ml, filled with grease LGWA 2	1
Recommended product	**LAGD 125/WA2**	SKF SYSTEM 24, gas driven single point automatic lubricator, 125 ml, filled with grease LGWA 2	1
Recommended product	**LGWA 2/SD125**	Refill cartridge filled with grease LGWA 2, 125 ml, with battery, for TLSD /TLDD electro-mechanical single point lubricators	1
Recommended product	**LGWA 2/SD250**	Refill cartridge filled with grease LGWA 2, 250 ml, with battery, for TLSD /TLDD electro-mechanical single point lubricators	1
Recommended product	**TLSD 125/WA2**	SKF SYSTEM 24 single point lubricator	1
Recommended product	**TLSD 250/WA2**	SKF SYSTEM 24 single point lubricator	1
Recommended product	**LGWA 2/MR120B**	Refill cartridge grease filled, with battery for Electro-mechanical single point lubricant dispenser	1
Recommended product	**LGWA 2/MR120**	Refill cartridge grease filled, without battery for Electro-mechanical single point lubricant dispenser	1
Recommended product	**LGWA 2/MR380B**	Refill cartridge grease filled, with battery for Electro-mechanical single point lubricant dispenser	1
Recommended product	**LGWA 2/MR380**	Refill cartridge grease filled, without battery for Electro-mechanical single point lubricant dispenser	1