

Lubrication services



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WSW-Agencies

- | | |
|-----------------|---------------|
| ■ Austria | ■ Norway |
| ■ Chile | ■ Slovakia |
| ■ China | ■ Spain |
| ■ Denmark | ■ Sweden |
| ■ Great Britain | ■ Switzerland |
| ■ Hungary | |

WSW After Sales Support

Since its foundation in 1982 WSW is a reliable partner in the field of spherical plain bearings and rod ends. The company has become one of the leading suppliers for many successful companies in different industrial sectors.

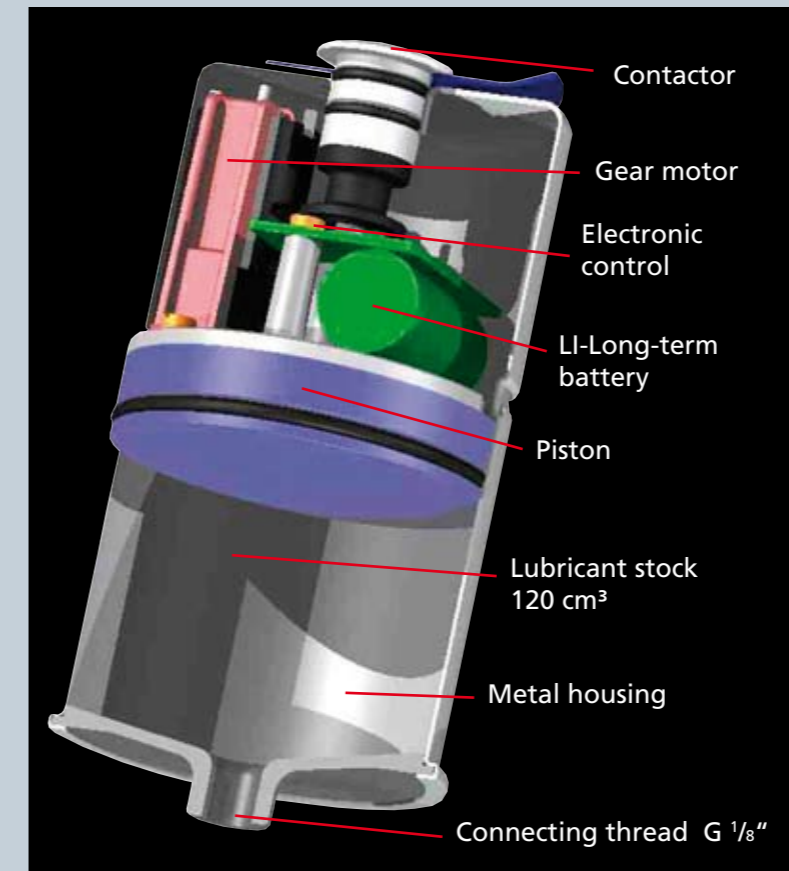
As we would like to assist our customers even after assembling the bearings we extended our product range with an After Sales Support which especially focuses on lubrication services.

Effective lubrication ensures the efficient use of bearings, protects them from early wear and consequently from expensive machine breakdown.

In order to fill different industrial requirements we provide a number of varying lubricants which match many applications. We offer 5 greases and the single units are available in different sizes. These products cover 95% of all applications and have been developed particularly for spherical plain bearings. As we think that it is not sufficient to offer only the required grease you can also get a highly efficient lubrication unit which is one of the most reliable and innovative products in the world and has been developed especially for industrial requirements.



The electromechanical lubrication unit **WLUB120**



Economical

- easy mounting and initiation
- automatic lubrication around the clock
- optimal proportioning of the lubricant
- system of high quality lubricant and intelligent lubrication unit

Robust and reliable

- closed metal housing
- totally sealed system
- usable in every position
- applicable in extreme environmental conditions (dust, water, heat)

Long-term lubrication

- running-time individually programmable
- possible running-time up to 60 months
- minimum amount of lubrication (i.e. in 5 years): 24 cm³ per year

WSW Lubricants for spherical plain bearings

Lubricant	WGLF Spezial	WGLF Hightemp	WGLF Lowtemp	WGLF Foodtec	WGLF Biotec
Application	high load plain sphericals	highest temperatures	lowest temperatures	food and beverages NSF , H1-proofed	biodegradable
Temperature range	-30°C...+140°C	+100°C...+260°C	-55°C...+100°C	-30°C...+180°C	-40°C...+120°C
Thickener	Li / Ca - spec. soap	Li-spec. soap	Calcium soap	Al-komplex / PU	Li / Ca - soap
Base oil	Mineraloil	PFPE	SHC	PAO	Ester
NLGI-class DIN 51818	0	2	1-2	2	2
Colour	dark brown	light beige	brown	beige	light beige
Drop point DIN ISO 2176	> 220°C	> 250°C	> 130 °C	> 200°C	> 180°C
Base oil viscosity (40°C)	820 mm ² /s	500 mm ² /s	80 mm ² /s	460 mm ² /s	130 mm ² /s
Corrosion protection DIN 51802	0-0	0-0	0-0	0-0	0-0
VKA-welding force DIN 51350	> 7000 N	5000 N	-	-	-

Technical data WLUB 120

Lubrication volume	120 cm ³
Feed rate	0,12 cm ³ / Hub
Running-time	Individually up to max. 60 months
Appropriate lubrications	Lubricants up to NLGI - class 3
Main Dimensions (DxL)	63 mm x 122 mm
Connecting thread	G 1/8"
Housing material	Aluminium
Max. feed line	2 m
Recommended tube profile	6 mm (outside), 4 mm (inside)
Environmental temperature	-20° C to + 70° C
Max. manometric pressure	10 bar
Protection class	IP68
Actuation	Electro-mechanical
Accessory	Fitting off metal and gum
	Hose-connecting point G 1/8"
	PA-Tube 6 x 4

Application sectors

WLUB 120 lubrication units guarantee optimal lubrication for a very long period of time. Especially in areas with a limited access to the greasing point, required manual lubrication or an inefficient central lubrication unit WLUB 120 is a technically reliable and highly economical solution.

- automotive
- chemical industry
- cranes
- forest holdings
- agricultural machines
- machine building
- offshore industry
- windmills
- wood industry
- railway technology
- construction machines