



G. BESLUX SULPLEX L PLUS

HIGH PERFORMANCE LUBRICATING GREASE WITH A HIGH ANTICORROSIVE POWER

DESCRIPTION

G. BESLUX SULPLEX L PLUS is a last generation lubricating grease with very high anticorrosive and lubricating properties. Formulated with a high drop point thickener and excellent resistance to fresh and salt water, as well as water vapor.

G. BESLUX SULPLEX L PLUS has an excellent lubricating capacity, avoiding the metal contact wear with an excellent sealing capacity that prevents the fluids entry or pollutants that can affect the bearing life or mechanisms.

APPLICATIONS

- Gate bearings and mechanisms submerged in fresh or salt water.
- Protection of parts in marine environment.
- Horns and various mechanisms of ships and vessels.
- Mechanisms subjected to large temperature variations (-20 to 160°C).
- Chains and devices in corrosive saline environments.
- Steel and aluminum metal cables.

ADVANTAGES

- High drop point.
- High anticorrosive power in saline environment.
- Excellent resistance to hot and cold water.
- High stability to mechanical work.
- Excellent lubricating power.
- High resistance to loads.
- Good pumpability.

CAUTIONS

- The usual ones when handling lubricants.
- Avoid mixture with different nature greases.
- Keep the can closed to avoid contamination.





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PHYSICAL-CHEMICAL CHARACTERISTICS

CHARACTERISTICS	STANDARD	TYPICAL VALUES		
		L-0 PLUS	L-1 PLUS	L-2 PLUS
Color	-	Brown		
Thickener	ASTM D-128	Calcium sulfonate		
Base oil	ASTM D-128	Mineral		
Base oil viscosity	ISO 3448	100 cSt		
Grade NLGI	DIN-51818	0	1	2
Worked penetration 60W	ASTM D-217	360 (0,1 mm)	325 (0,1 mm)	280 (0,1 mm)
Worked penetration 10 ⁵ W	ASTM D-217	385 (0,1 mm)	340 (0,1 mm)	305 (0,1 mm)
Drop point	ASTM D-566	>290°C	>290°C	>290°C
4 ball • Weld point • Wear 1 h/40kg	IP-239 ASTM D-2266	620 Kgf 0,50 mm		700 Kgf 0,55 mm
EMCOR corrosion test: • H ₂ O distilled • H ₂ O salted	DIN-51802	Grade 0 Grade 0		
Salt spray chamber test	ASTM B-117	1.000 h		
Corrosion to galvanized steel, 48h/120°C	ASTM D-4048 mod	No corrosion		
Oxidation stability 100h/100°C	ASTM D-942	-0,5 Kg/cm ²		
Service temperature	-	-20 to 160°C		