



## G. BESLUX LIPLEX L-1/2 STF

### HIGH EFFICIENCY GREASE INTENDED FOR A WIDE OPERATING TEMPERATURES RANGE

**G. BESLUX LIPLEX L-1/2 STF** is a high performance lubricating grease capable of working in a wide range of temperatures (from -50 to 170°C) in very stringent operating conditions.

Specially formulated with a synthetic base oil provided with high chemical and thermal resistance and a high lubricating capacity, special lithium complex soap thickened, with a high drop point and outstanding stability to mechanical work.

**G. BESLUX LIPLEX L 1/2 STF** additive package is provided with excellent anti-wear, lubricating and E.P. properties along with high anticorrosive, antioxidant capacity and fortified with solid lubricants (PTFE). Thus it is capable of operating when exposed to water and vapour in extreme working conditions.

#### APPLICATIONS

- High temperature (170°C) operated bearings.
- Bearings under loads, water and vapour exposure.

- Bearings and mechanisms in the steel, cement industry, etc.

#### BENEFITS

- High compatibility with plastics and elastomers.
- Resistance to shearing.
- Reduction of the regreasing frequency.
- Less break-downs.
- Outstanding quality/efficiency-price relation.
- Possibility of unifying the products.

#### CAUTIONS

- The usual ones when handling and using lubricants.
- Keep it closed to avoid contamination.
- Do not mix with different nature greases.

### PHYSICAL- CHEMICAL CHARACTERISTICS (TYPICAL VALUES)

Colour	Ivory
Thickener soap type	Lithium complex
Base oil nature	Synthetic
Base oil, viscosity at 40°C, (cSt)	100
Solid lubricants	PTFE
NLGI class	1 / 2
Penetration 60W, (0,1 mm)	310
Drop point, (°C)	270
Flow pressure at -50°C (mbar)	1000
4 Balls test	
- Welding load, (Kg)	250
- Wear scar diameter 1h/40 kg, (mm)	0,60
Copper strip corrosion 24h/100°C	1b
Oxidation stability, 100h/100°C, (Kg/cm <sup>2</sup> )	0,1
Evaporation loss, 22h/100°C, (%)	0,1
Water resistance, 90°C	Grade 0
Operating temperature, (°C)	-50 to 170

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