



G. BESLUX LIPLEX M-1-2/S

HIGH EFFICIENCY GREASE INTENDED FOR A WIDE OPERATING TEMPERATURES RANGE

G. BESLUX LIPLEX M-1-2/S is a high performance lubricating grease capable of working in a wide range of temperatures (from -40 to 180°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 mechanic work.

G. BESLUX LIPLEX M-1-2/S additives package is provided with excellent anti-wear, lubricating and E.P. properties together with high anticorrosive and antioxidant capacity. Then it is capable of operating when exposed to water and vapour in extreme working conditions.

APPLICATIONS

- High temperature (180°C) operated bearings (200°C peak temperature. Bearings under load, water and vapour exposure.
- Very suitable for dryer bearings in the paper industry.

- Bearings and mechanisms in the steel, cements 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 the can closed to avoid contamination.
- Do not mix with different nature greases.

PHYSICAL – CHEMICAL CHARACTERISTICS

Colour	Ivory
Thickener soap type	Lithium complex
Base oil nature	Synthetic
Base oil, viscosity at 40°C, (cSt)	250
Penetration 60W, (0,1mm)	290-320
Drop point, (°C)	Min. 250
Oil separation 18h/40°C, (%)	Max. 1,50
Flow pressure at -30°C, (mbar)	Max. 750
4 Balls test	
– Welding load, (kg)	Min. 240
– Wear scar diameter 1h/40 kg (mm)	Max. 0,60
Copper strip corrosion 24hr/100°C	Max. 1b
Oxidation stability, 100hr/100°C, (kg/cm ²)	Max. 0,50
Evaporation loss, 22hr/100°C, (%)	Max. 0,30
EMCOR corrosion test	Max. 1
Water washout, 80°C, (%)	Max. 7
Low temperature torque at -30°C (Nm)	
– Starting torque	1,11
– Running torque	0,84
Low temperature torque at -40°C (Nm)	
– Starting torque	2,48
– Running torque	1,77
Operating temperature, (°C)	-40 to 180