



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	lvory
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) - Wear scar diameter 1h/40 kg (mm)	Min. 240 Max. 0,60
Copper strip corrosion 24hr/100°C	Max. 1b
Oxidation stability, 100hr/100°C, (kg/cm²)	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 - Running torque Low temperature torque at -40°C (Nm) - Starting torque - Running torque	1,11 0,84 2,48 1,77
Operating temperature, (°C)	-40 to 180

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The information contained in this document faithfully reflects our present technical knowledge, besides it provides a suitable description of the product characteristics and enumerates the different applications the product can be suitable for. In any case, the user will have to make sure of the adjustment of the product for each particular use. Brugarolas S.A. reserves the right to make modifications in the products after the date of edition of the present document in order to improve its quality and optimize its output. The values of the given physic-chemical characteristics are typical values. The specification sheets in force are at your disposal for each of the products.