



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 antiwear, lubricating and E.P. properties together with high anticorrosive and antioxidant capacity. Then it is capable of operating when exposed to water and vapor in extreme working conditions.

INTENDED FOR HIGH TEMPERATURES (180°C) OPERATED BEARING (200°C PEAK TEMPERATURE), FOR BEARINGS UNDER LOAD, WATER AND VAPOR EXPOSURE. VERY SUITABLE FOR DRYERS BEARINGS IN THE PAPER INDUSTRY AND FOR 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.

PHYSICA-CHEMICAL CHARACTERISTICS

❑ Thickener, soap type	Lithium complex
❑ Base oil nature	Synthetic
❑ Base oil viscosity (cSt)	250
❑ Color	Ivory
❑ Penetration 60W (0.1 mm)	290-320
❑ Drop point	Min. 250°C
❑ Oil separation 18h/40°C	Max. 0,50%
❑ 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 mm
❑ Copper strip corrosion 24h/100°C	Max. 1b
❑ Oxidation stability, 100h/100°C (kg/cm ²)	Max. 0,50
❑ Evaporation loss, 22h/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
at -40°C (Nm)	
➤ Starting torque	2.48
➤ Running torque	1.77
❑ Operating temperature	-40 to 180°C



For a safe handling a MSDS of the product is available. The data given herein are average values and can be modified in further product developments. The end user must check the suitability of the product for each particular application. Unless our Technical Department is aware and agree on the specific service conditions and application we cannot provide manufacturer liability or property guarantee.