



## G. BESLUX SINGEAR M - 00

### HIGH EFFICIENCY SPECIALITY GREASE INTENDED FOR CLOSED GEARS

**G. BESLUX SINGEAR M-00** is special lubricating grease designed for the lubrication of closed gears, endless crown reducers and any other system that requires a lubricant provided with high stability and adherence.

Thanks to its special formulation the reducers and variators operating conditions are optimum, noise and vibrations are significantly reduced and the crowns and mechanisms useful life is much improved.

**G. BESLUX SINGEAR M - 00** will secure a superior lubrication in a wide range of operating temperatures, speeds and loads and will build any time a lubricating film onto the contact metallic parts, hence the wear, the noise level and energy consumption will be reduced significantly.

The proper base oil selection will maintain correct flow level, sealing capacity and cooling of the grease inside the closed gear, all the parts are lubricated even when located in the highest area.

The **G. BESLUX SINGEAR M - 00** product is a long life lubricants provided with superior resistance to aging within a wide temperatures range (-30 to 140°C), under severe service conditions.

**G. BESLUX SINGEAR M - 00** is compatible with elastomers, rubber pawls and gaskets and they are perfectly miscible as well and compatible with mineral oils.

### CAUTIONS

- The usual ones when handling and using lubricants
- Keep the can closed to avoid contamination
- Do not mix with different nature grease.
- There is available the MSDS of the product according to the effective European normative.

### PHYSICAL-CHEMICAL CHARACTERISTICS

Colour	Brown
Thickener, soap type	Inorganic
Base oil nature	Semi-synthetic
Penetration at 25°C, (0,1mm)	390-420
NLGI consistency class	00
Drop point	Nil
Copper corrosion, 100°C	Max. 1 b
4 Balls test	
- Welding load, (kg)	Min. 240
- Wear scar diameter 1/80 kg, (mm)	Max. 0,50
Oxidation stability 100°C, (kg/cm <sup>2</sup> )	Max.0,50
Evaporation loss 22hr/100°C, (%)	Max. 0,50
Dynamic viscosity 300s-1 25°C, (mPas)	800-1500
SRV,100N,80°C,1h., 50 Hz, 1 mm	
- Minimum friction coefficient	Max. 0'115
- Maximum friction coefficient	Max. 0'125
- Final friction coefficient	Max. 0'120
- Wear scar diameter, (mm)	Max. 0'45
Service temperatures, (°C)	-30 to 140

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