

## G. BESLUX PLEXBAR M - 2

**G. BESLUX PLEXBAR M - 2** is a very modern range of greases provided with high resistance to aging, water wash out, hot water, vapor, acid and alkaline solutions, etc... All these properties ensure a long useful life and extended lubricating periods, consequently a lower consumption.

The above mentioned properties plus high antiwear capacity, excellent adhesion to metal even with vibrations, and resistance to temperatures up to 150°C, make our **G. BESLUX PLEXBAR M-2** range very suitable in a wide application field such as :

### G. BESLUX PLEXBAR M-2

- Water, acids, alkaline bleach pumps.
- Extractors and fans in wet ambience.
- Plain bearings and bearings in the textile and leather industries.
- Mechanisms exposed to vapor in the paper industry.
- Wheels bearings in all types of vehicles.
- Driers in the wood industry.
- Chains and roller belts in the packing industry.
- Vibrators.
- Anticorrosive protection in sprayers walls.
- Centralized systems in granulating machines

### PROPERTIES

- |                                   |           |
|-----------------------------------|-----------|
| ➤ Cold water resistance           | very good |
| ➤ Hot water resistance            | very good |
| ➤ Water vapor resistance          | very good |
| ➤ Alkaline solutions resistance   | very good |
| ➤ Acid solutions resistance       | good      |
| ➤ Synthetic detergents resistance | fair      |
| ➤ Organic solvents resistance     | bad       |
| ➤ Aging resistance                | very good |
| ➤ Oxidation resistance            | very good |
| ➤ Corrosion resistance            | very good |
| ➤ Shearing resistance             | very good |
| ➤ Vibration resistance            | very good |
| ➤ High temperatures resistance    | good      |
| ➤ High pressures resistance       | very good |

### SPECIFIED CHARACTERISTICS

Characteristics	Test Method	<b>M - 2</b>
<input type="checkbox"/> Thickener, soap type	-	Barium complex
<input type="checkbox"/> Base oil nature	-	Mineral paraffinic
<input type="checkbox"/> NLGI Class	-	2
<input type="checkbox"/> Penetration 25°C , x 0,1mm	(ASTM D-217)	265/295
<input type="checkbox"/> Drop point, min	(ASTM D-566)	220°C



**GENERAL CHARACTERISTICS**

Characteristics	Standard	M - 2
<input type="checkbox"/> Color	-	
<input type="checkbox"/> Worked penetration 10 <sup>5</sup> W, 0,1 mm	ASTM D-217	Max.+35
<input type="checkbox"/> SKF/Emscor test ⇒ distilled water ⇒ salt water , max.	DIN-51802	0 2
<input type="checkbox"/> 4 Balls test ⇒ welding load, (kgs.) ⇒ wear scar diameter 1h/40 Kg, mm	IP-239	> 350 < 0,60
<input type="checkbox"/> Base oil viscosity at 40°C	-	220 cSt
<input type="checkbox"/> Copper strip corrosion, 24h/100°C	ASTM D-048	Max. 1b
<input type="checkbox"/> Resistance to water wash-out, 80°C	ASTM D-1264	< 2,5%
<input type="checkbox"/> Oil separation 7 days/40°C	IP-121	< 3,5%
<input type="checkbox"/> Speed factor (ndm)	-	3,5x10 <sup>5</sup>
<input type="checkbox"/> Operating temperatures, °C	-	-15/150
<input type="checkbox"/> Peak temperatures, °C	-	170

**APPLICATION**

Manual, or greaser with grease pump.

**CAUTIONS**

- ⚠ Do not mix with different nature greases.
- ⚠ Whenever a mechanism is operating with another lithium, calcium soap grease type etc. it is worth to proceed to a few close regreasing to eliminate the grease. G. BESLUX PLEXBAR range is not compatible with inorganic and silicone greases. In such case it is worth to clean the mechanism prior to the application of our grease.