



G. BESLUX PLEX L-2/S

SYNTHETIC GREASE INTENDED FOR HIGH SPEED AND LOW TEMPERATURES

G. BESLUX PLEX L-2/S is a speciality lubricant intended for the lubrication of low temperatures, high speed and variable loads operated mechanisms wherever minimum friction is needed during the start up and running-in.

Dynamically light, i.e. superior stability to oxidation and corrosion. Does not present consistency variation along storage and can withstand temperatures from -55°C to +150°C without hardening or building residues. Good resistance to mechanic work without significant consistency loss.

The speed value (n.dm) regulates the spinning limit applying the following correction factor per the type of bearing :

Ball bearings	100%
Cylinder roll bearing	70%
Tapered roll bearing	60%
Needle bearing	40%

These values will be applied exclusively for bearings with maximum 60 mm inner diameter.

PHYSICAL – CHEMICAL CHARACTERISTICS

Colour	Beige
Thickener, soap type	Lithium Complex
Base oil nature	Synthetic
Penetration at 25° C, (0,1mm)	265-295
Penetration 60 W, (0,1mm)	265-295
Penetration 10 ⁵ W, (0,1mm)	Max. 350
Drop point, (°C)	Min. 220
NLGI Consistency class	Grade 2
EMCOR Corrosion test	Grade 0
Flow pressure at -35° C, (mbar)	Max. 500
Water resistance 90°C	Grade 0
Oxidation stability, 100h/100° C, (bar)	Max. 0,1
Evaporation loss, 22hr/100° C, (%)	Max. 1
SKF-ROF test , 10.000 rpm, 120° C	L50 = 2700 h.
Operating temperatures, (°C)	-55 to 150

The speed value of **G. BESLUX PLEX L-2/S** is 10⁶.

APPLICATIONS

- Worms in machine-tool
- Drill worms (wood)
- Small gears
- Cams
- Engines
- Turbines
- It is a long life lubricant in bearings, textile machinery, high precision machinery, frost industry, telecommunication etc.

CAUTIONS

- No special caution when using.
- Small bearings and start torques require thin grease layer.
- Avoid grease excess.
- Remnant of other lubricants should be cleaned off prior to the application.