



G. BESLUX PLEX 778A

HIGH EFFICIENCY GREASE INTENDED FOR MECHANISMS OPERATED IN A WIDE RANGE OF TEMPERATURES. LONG LIFE LUBRICATION.

G. BESLUX PLEX 778A was specifically formulated to face all these lubrications problems when working within -55 and +150°C. It is capable of working without losing lubricating capacity, i.e. to maintain a suitable lubricating film that avoids the metal-metal contact despite the strong operating conditions variations.

G. BESLUX 778A formulated with a lithium soap thickened and synthetic oil. Its selected additives package improves significantly the lubricating capacity, and allows a correct lubrication in the mentioned service conditions, mainly at low temperatures.

Thanks to its high viscosity index, the lubricant is provided with a correct apparent dynamic viscosity at both low and high temperatures. The variation with temperatures is weak and its resistance to aging secures a life lubrication.

At low temperatures, a conventional lubricant would experience a too high viscosity increase, which would make the grease harden. With high temperatures a significant decrease of viscosity would be appreciated and consequently provoke a high reduction of the lubricating power of the grease. Then wear problems, bearing and mechanisms breakage would appear, forcing to stop the machine etc.

G. BESLUX PLEX 778A can work in a wide speeds range, even when it is more suitable in medium and high speed operations $FV=8 \times 10^5$.

BENEFITS

- Wide operating temperatures range (from -55°C to 150°C).
- Excellent lubricating properties.
- Life lubrication.
- Capable of withstanding high speed operations.

STANDARDS

Meets the following TLW 778A (Volkswagen), NES M-5009 NLT-2 type (Nissan) standards, and S/DIN 51825: K2P-50, S/ISO 6743-9: L-XEDEA 2 classifications.

CAUTIONS

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

PHYSICAL-CHEMICAL CHARACTERISTICS

Colour	Light brown
Thickener, soap type	Lithium
Base oil nature	Synthetic
Worked penetration at 60 W, (0,1mm)	265-295
Worked penetration at 10 ⁵ W, (0,1mm)	Max. 340
NLGI Consistency	Grade 2
Dynamic viscosity at 25°C, (mPas)	2500-4500
Cinematic viscosity, base oil	
- at 40°C, (cSt)	32
- at 100 °C, (cSt)	5,9
Drop point, (°C)	Min. 180
Flow pressure at -35°C, (mbar)	Max. 450
Water resistance, 90°C	Max. 1
Oxidation stability , (bar)	Max. -0,55
Evaporation loss 100°C, (%)	Max. 1,0
Copper strip corrosion, 24h/100°C	Max. 1 b
Oil separation, 7 days/40°C, (%)	Max. 5
EMCOR corrosion test	Max. 1
Service temperatures, (°C)	-55 to 150

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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.