

G. BESLUX PLEX 778/A

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

G. BESLUX PLEX 778/A 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 778/A is a lithium soap thickened synthetic grease. 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 base oil, 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 778/A** can work in a wide speeds range, even when it is more suitable in medium and high speed operations ($SF = 10^6$).

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 standards	TLW 778 A
	NES M-5065 NLT-2 type (NISSAN)
and	DIN 51825 : KP2 50
	ISO 6743-9 : L-XEDEA 2



SPECIFIED CHARACTERISTICS

☐ Color	-	light brown
☐ Thickener, soap type	ASTM D-128	lithium
☐ Base oil nature	-	synthetic
☐ Penetration 60 W	ASTM D-217	265 - 295
☐ Drop point	ASTM D-566	> 180°C
☐ Flow pressure at -35°C	DIN 51805	450 mbar max

GENERAL CHARACTERISTICS

☐ Penetration 10 ⁵ W	ASTM D-217	340 max.
☐ Water resistance, 90°C	DIN 51807	1 max.
☐ Copper strip corrosion	ASTM D-130	1 b max.
☐ Evaporation loss 100°C	ASTM D-972	1,0% max.
☐ Oxidation stability	ASTM D-942	-0,5 bar max.
☐ Service temperatures	-	-55 to 150°C
☐ Emcor corrosion test	DIN 51802	1 max.
☐ Oil separation, 40°C	IP-121	5% max.