



## G.A. PLEX-1

### HIGH PERFORMANCE GREASE FOR HIGH TEMPERATURES

#### DESCRIPTION

The **G.A. PLEX-1** grease is a lithium-complex grease with EP additives for medium speed operated bearings and plain bearings. There is provided with resistance to water and excellent resistance to high temperatures and loads.

#### APPLICATIONS

The **G.A. PLEX-1** grease can be used as long life grease in roller bearings, water pumps, electric motors, couplings, cardan joints, and in general wherever high efficiency greases are needed with severe requirements.

#### PROPERTIES

- High drop point.
- Good resistance to heavy loads.
- Outstanding anti-wear capacity.
- Insoluble in water.
- Good resistance to mechanic work.
- Good protection against corrosion.
- Good antioxidant capacity.
- Long life.

#### CAUTIONS

- The usual ones when handling and using lubricants.
- Avoid excess of grease as well as too frequent relubrication cycles.
- Keep the can closed to avoid contamination.
- Do not mix with different nature greases.

#### PHYSICAL-CHEMICAL CHARACTERISTICS

Colour	Brown
Thickener	Lithium complex
Base oil nature	Mineral
NLGI consistency class	Grade 1
Penetration at 25°C 60 W, (0,1mm)	310 – 340
Penetration at 25°C 10 <sup>5</sup> W, (0,1mm)	Max. +50
Drop point, (°C)	Min. 240
EMCOR corrosion test	Max. 1
Copper corrosion, 24h / 100°C..	Max. 1 b
4 balls machine:	
– Welding load, (kg)	Min. 450
– Wear scare diameter 1h/40kg ,(mm)	Max. 0,55
Flow pressure at -20°C, (mbar)	Max. 1500
Oxidation stability 100h/100°C, (kg/cm <sup>2</sup> )	Max. 0,3
Evaporation loss, (%)	
– 22h/100°C	Max. 0,5
– 22h/150°C	Max. 2,5
Water resistance 90°C	Grade 1
Service temperature, (°C)	-20 to 150