



G. A. PLEX-2

HIGH PERFORMANCE LUBRICATING GREASE FOR HIGH LOADS AND TEMPERATURES

DESCRIPTION

G. A. PLEX-2 is a family of complex soap and mineral oil greases with extreme pressure additives for rolling and plain bearings with medium number of revolutions. It has good behavior against water and excellent resistance to loads and high temperatures.

APPLICATIONS

G. A. PLEX-2 can be used in wheel bearings, water pumps, electric motors, couplings, cardan type joints and in general where a high-performance grease with severe demands is required.



ADVANTAGES

- High drop point.
- Resistance to high loads.
- Excellent anti-wear power.
- Resistance to mechanical work.
- Insoluble in water.
- Good protection against corrosion.
- Good antioxidant capacity.
- Long duration.

CAUTIONS

- Normal precautions should be taken in the use and handling of lubricants.
- Keep the container closed to avoid contamination.
- Avoid mixing this grease with others of a different base.

PHYSICAL-CHEMICAL CHARACTERISTICS

CHARACTERISTICS	STANDARD	TYPIC VALUE
Colour	-	Brown
Thickener	ASTM D-128	Lithium complex
Base oil	ASTM D-128	Mineral
NLGI consistency	DIN-51818	Grade 2
Penetration at 25°C	ASTM D-217	275 (0.1 mm)
Worked penetration 60W	ASTM D-217	275 (0.1 mm)
Worked penetration 10 ⁵ W	ASTM D-217	+40 (0.1 mm)
Drop point	ASTM D-566	280°C
4 balls test • Welding load • Wear 1h/40kg	IP-239	Min. 450 kgf Max. 0.55 mm
EMCOR corrosion test	DIN-51802	Max. 1
Copper corrosion 24h/100°C	ASTM D-4048	Max. 1b
Oxidation stability 100h/100°C	ASTM D-942	Max. 0.3 kg/cm ²
Water resistance 3h/90°C	DIN-51807	Grade 1
Flow pressure at -20°C	DIN-51805	Max. 1600 mbar
Evaporation loss, • 22h/100°C • 22h/150°C	ASTM D-972	Max. 0.5 Max. 2.5
Application temperature	-	-20 to 150°C

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