

PG – 50 SPECIAL PLASTIC GREASE

DESCRIPTION

PG – 50 Grease is for the application need to move smoothly only with small powers and even under a low temperature : -30°C, and it requires a grease with very small torque at low temperature.

Such applications also include lots of plastic components and electrical circuits. So it requires a grease compatible with plastics and giving no harm to electrical contacts.

APPLICATION

- Lifetime lubrication of steel/steel, steel/plastic, plastic/plastic, and steel/oil – resistant rubber combinations.
- Successfully used in electric, electronic and automotive component applications such as in VCR, audio equipment, automotive small motors.

BENEFIT

- Excellent compatibility with plastics as well as with metal (steel, bronze,) components.
- Excellent low temperature properties.
- Excellent EP& anti-wear properties.
- Service temperature range : - 50°C to + 150 °C.

TYPICAL PHYSICAL PROPERTIES

Appearance	Milky white
Key ingredients	Synthetic oil thickened with Lithium soap
Service temperature range	- 50°C to + 150°C
Worked penetration, 25°C (ASTM D217)	310 – 340
Dropping point, °C (ASTM D566)	205
Oil separation, wt% (ASTM 791 – 321)	5.0
Copper strip corrosion (ASTM D4048)	1a
Oxidation stability, Kg/cm ² (ASTM D942)	0.15
Low temperature torque (- 30°C), g.cm	
-- Starting (JIS K2220 5 – 14)	293
-- Running	140
4 Ball extreme pressure, Kg (ASTM D2596)	315
4 Ball wear, mm (ASTM D2266)	0.45

