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# TECHNICAL DATA SHEET



## LP Plastic sealant grease

### Brief introduction:

LP Grease is a kind of plastic and rubber grease made from polyether synthetic oil as base oil, special lithium soap as thickener and added with a variety of additives, such as antioxidant, antirust and anti aging. This plastic / rubber compatible oil is designed for three yuan isopropyl rubber (EPDM), styrene butadiene rubber (SBR), etc. for assembly and lubrication of most oil sensitive rubber, plastic and metal. It has excellent adhesion, abrasion resistance and corrosion resistance.

Applicable temperature range:  $-20\sim+160^{\circ}\text{C}$ .

### Purpose :

- It is suitable for lubrication protection of rubber seals, long term lubrication and friction reduction between rubber, plastic and metal parts.
- The assembly lubrication of linear moving parts in contact with brake oil in automobile brake system, such as piston and EPDM sealing ring, and the sealing and lubrication of the vacuum booster, sliding protective cover, piston and plunger.

### Advantage:

- The wide working temperature range, the thermal stability can reach  $160^{\circ}\text{C}$ ;
- Excellent abrasion resistance, very low friction coefficient and strong bearing capacity.
- Excellent adhesion and lubricity, good compatibility with rubber parts and plastics.;
- Excellent water resistance, anti-aging and corrosion resistance, and long service life.

### Typical physical properties:

LP Plastic Sealant grease	NLGI	Coning 1/4	Drop point $^{\circ}\text{C}$	Appearance
—	3	52~63	$\leq 180$	Light yellow paste

### Matters needing attention:

1. Please use it in a suitable temperature range, so as not to cause the grease to freeze or melt.
2. Sealed storage.