



# PTT MOLY-PLEX GREASE

## Lithium Complex Grease with Molybdenum

### Description

- *PTT Moly-Plex Grease NLGI 2* : are high quality multi-purpose lithium complex greases, containing special additives and Molybdenum Disulfide ( $\text{MoS}_2$ ) which provide good lubrication and reduce friction, produced from lithium complex soap grease.

### Special Properties

- Provide good EP and anti-wear properties.
- Good thermal and oxidation stability
- Provide excellent rust and corrosion protection
- Prevent dust and dirt from reaching into the moving parts.
- Good water resistance

### Applications

- Recommend for use in heavy duty vehicles and industrial applications in conditions of high load and temperature
- Suitable for lubricating in both wheel bearings and rolling bearings.
- Can be used to lubricate parts of industrial equipment.

### Reference Standards

- NLGI

### Typical Values

	Test Method	NLGI 2
Thickener Type		Lithium + $\text{MoS}_2$
Color	Visual	Gray Black
Maximum Operating Temperature, °C		180
Normal Operating Temperature, °C		160
Worked Penetration at 25 °C, 1/10 mm	ASTM D217	285
Dropping Point, °C	ASTM D2265	273
Base Oil Viscosity @ 40°C, cSt	ASTM D445	472
@ 100°C, cSt	ASTM D445	31.2
Copper Strip Corrosion, 24h, 100°C	ASTM D4048	1a
4-Ball EP, Weld Load, Kg <sub>f</sub>	ASTM D2596	500
Timken OK Load, lb	ASTM D2509	45

For more information, please contact Lubricants Technical Services Division, PTT Public Company Limited : Tel. (662) 239-7908, (662) 239-7986  
Fax. (662) 239-7858 Lube Hot Line (662) 239-7878