

## Lithium EP Grease

### Descriptions

- *PTT EP Grease NLGI 0, 1, 2, 3* : are high quality EP greases for industrial and automotive applications. PTT EP Greases contain mineral base oil, lithium soap, EP (Extreme Pressure) additive, rust and oxidation inhibitors which provide good lubrication and protection.

### Special Properties

- Protect against wear under high load and good tolerance to heat and water.
- Provides superb rust and corrosion protection
- Prevents dust and dirt from reaching into the moving parts.
- High dropping point and good thermal stability.

### Applications

- Recommend for using in heavy duty motor vehicles and industrial applications such as wheel bearings, plain and rolling bearings.
- Suitable for use in construction equipment bearings
- Able to use with normal operating temperature up to 130 °C

### Reference Standards

- NLGI

### Typical Values

	Test Method	NLGI 0	NLGI 1	NLGI 2	NLGI 3
Thickener Type		Lithium	Lithium	Lithium	Lithium
Color	Visual	Amber	Amber	Amber	Amber
Maximum Operating Temperature, °C		130	130	130	130
Normal Operating Temperature, °C		120	120	120	120
Worked Penetration at 25 °C, 1/10 mm	ASTM D217	364	324	277	234
Dropping Point, °C	ASTM D2265	203	208	204	207
Base Oil Viscosity @ 40°C, cSt	ASTM D445	176	176	176	176
@ 100°C, cSt	ASTM D445	16	16	16	16
Copper Strip Corrosion, 24h, 100°C	ASTM D4048	1a	1a	1a	1a
Water Washout @ 79°C, %wt loss	ASTM D1264	-	4.6	2.5	2
4-Ball Wear, mm	ASTM D2266	0.45	0.45	0.48	0.49
4-Ball EP, Weld Load, Kg <sub>f</sub>	ASTM D2596	250	250	250	250
Timken OK Load, lb	ASTM D2509	45	45	45	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