

**Lithium EP # 2**

LITHIUM EP # 2 is high quality multipurpose lithium hydroxyl-stearate grease specially formulated with mineral base oils, lithium soap and contains lead free extreme pressure additive to provide excellent performance for high temperature, high loads application and also to provide extra protection against wear, rust and corrosion and high temperature oxidation for general purpose automotive and industrial applications.

Applications:

This grease is recommended for multipurpose application at high temperature and high loads.

- ❖ Uses in automotive and industrial applications
- ❖ General purpose automotive application such as chassis components, wheel bearing, cultch bearings, universal joints and ball joints of steering and suspension system of passenger car, trucks, farm tractors and mobile equipment.
- ❖ High load and high speed bearing.
- ❖ The recommended operating temperature range of LITHIUM EP # 2 is -15°C to +130°C

Features and Benefits:

- ❖ High load carrying capacity, reduced wear.
- ❖ Excellent protection against rust and corrosion.
- ❖ High resistance to water wash-out.
- ❖ High mechanical chemical stability.

Typical Properties:

Properties	Test Method	Typical value
NLGI	-	2
Soap Type	-	Lithium
Base oil Type	-	Mineral
Texture	Visual	Smooth
Color	Visual	Blue
Kinematic Viscosity @40°C, cSt.	ASTM D445	150
Kinematic Viscosity @100°C, cSt.	ASTM D445	12
Unworked Penetration @ 25°C, mm/10	ASTM D217	287
Worked Penetration @ 25°C, mm/10	ASTM D217	283
Dropping Point, °C	ASTM D2265	183
Cu Strip Corrosion @100°C, 24 hr	ASTM D4048	1b
Water Washout @38°C, 1hr, %wt	ASTM D1264	4
Four Ball Weld Load, kgf	ASTM D2596	250
Four Ball Wear Scar, mm	ASTM D2596	0.60
Oil Separation @100°C, 30 hrs, %wt	ASTM D6184	5.24

These properties are typical of current production. Whilst future production will conform to PSP's specification, variations in these properties may occur.