



LITHIUM EP250

High Performance Extreme Pressure Grease

JP Trust Lithium EP250 is a premium general purpose industrial grease based on high viscosity index mineral oil combined with lithium hydroxy stearate thickener fortified with anti-wear, anti-rust and anti-oxidant additives.

JP Trust Lithium EP250 is especially suitable for use in medium to heavy-duty conditions and has resistance to heavy load, shock load, and vibration application in a variety of automotive, industrial, construction and mining.

BENEFITS

- Reduces friction during heavy and shock loads
- Protects against moisture contamination with excellent water resistance
- Extra protection against rust and corrosion
- Excellent resistance to water wash-out and contamination
- Maximum service lubrication

APPLICATIONS

- Moderately loaded plain and rolling-element bearings in industrial equipment
- Automotive chassis parts such as steering knuckles, ball joints, U-joints and tie-rod ends
- Can be pump well especially for central lubrication systems



TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Test Description	Method	Typical Results	
NLGI Grade		2	3
Thickener Type	-	Lithium Hydroxy Stearate	
Texture	-	Smooth	Smooth
Colour	Visual	Amber	Amber
Worked Penetration at 25°C	ASTM D217	265-295	220-250
Dropping Point, °C	ASTM D566	220	220
Base Oil Viscosity, cSt at 40°C	ASTM D445	240	240
Timken OK Load, lbs	ASTM D2509	58	59
Four Ball EP, Weld Point, kgs	ASTM D2596	250	250
Four Ball Wear Test, Scar Diameter, mm	ASTM D2266	0.47	0.47
Water Washout, % by wt	ASTM D1264	0.80 max	0.80 max
Oil Separation, % by wt	ASTM D6184	0.60 max	0.60 max
Cooper Strip Corrosion	ASTM D4048	1A	1A
Operating Temperature Range, °C	-	Up to 150	Up to 150

HEALTH AND SAFETY

Avoid prolong and repeated skin contact, wear suitable protective clothing and gloves. After skin contact, wash immediately with soap and water. When disposing of used product, be responsible to the environment, do not discharge into drains, soil or water. Take used product to an authorized collection point.