



# Lithium XL Complex HD Grease

Extreme pressure, water resistant, long life grease

Product code: Z108

## Product Description:

Lithium XL Complex HD is a lithium complex thickened lubricating grease based on mineral oil and polymer. The grease contains antioxidants, corrosion inhibitors and EP/anti-wear additives. The lithium complex soap makes the product suitable for applications within a very wide temperature range and prolongs the relubrication intervals due to its high degree of mechanical stability. The grease is adapted to wet conditions due to the incorporation of polymer into the thickener matrix, which enhances adhesiveness and water-resistant properties.

## Benefits:

- Good load carrying capacity
- Very good resistance to shock loads
- Good high temperature performance

## Applications:

Lithium XL Complex HD is a modern high-performance product suitable for both industrial and automotive applications. The grease can be used in various types of bearing applications including heavy load conditions and wet environments.

## Typical Test Data:

Appearance	-	Tacky Grease
Colour	-	Blue
NLGI Classification	-	2
Thickener	-	Lithium complex
Base Oil	-	Mineral Oil
Base Oil Viscosity @ 40°C, cSt	ASTM D445	320
Worked Penetration	ASTM D217	265-295
Dropping Point (°C)	ASTM D2265	260 min
Oil Separation (%) - (168hrs @ 40C)	IP121	0.7
Copper Corrosion, 24hrs @ 100°C	ASTM D1261	1b
Resistance to Corrosion Emscor (a)	IP 220	0:0
Water Spray Off, %	ASTM D4049	52
Four Ball Weld Load (kgs)	IP 239	450
FFK Flow Pressure @-30°C	DIN 51805-2	1200 hPa
Operating Temperature Range	-	-30°C to 150°C