

# Hi Temp Lithium Complex

## EP Grease

**Hi Temp Lithium Complex EP Grease** is a multi-purpose, high performance grease that minimizes wear at applied loads as it maintains a very balanced formulation with enhanced EP properties in both Point Contact and Line Contact applications, while exceeding GC-LB standards.

It is compatible with most other greases. It is an excellent choice for grease consolidation within operations where compatibilities and processes warrant.

Hi Temp Lithium Complex EP Grease features excellent pumpability and stay-in-place properties while effectively reducing wear, resisting water wash out, and water spray while preventing corrosion.



### Features/Benefits

- Excellent EP properties
- Highly compatible
- Superior film strength
- Excellent pumpability
- Reduces wear
- Prevents corrosion
- Environmentally safe chemistries
  - Free of halogens and heavy metals
- Applications include:
  - Industrials
  - Construction
  - Agricultural
  - Automotive

### Chemical Properties

NLGI Grade	NLGI	#1	#2
Penetration @ 77°F W 60	ASTM D-217	320	280
Thickener Type	-	Lithium Complex	Lithium Complex
Appearance	Visual	Red/Tacky	Red/Tacky
4-Ball, EP, Weld Point, kg	ASTM D-2596	500	500
Load Wear Index	ASTM D-2596	80	80
4-Ball Wear, m m scar	ASTM D-2266	0.55	0.55
Tmken OK Load (lbs.)	ASTM D-2509	60	60
Rust Prevention	ASTM D-1743	Pass	Pass
Copper Corrosion	ASTM D-4048	1B	1B
Basil Oil Viscosity, cST @ 40°	ASTM D-445	320	320
Water Spray-Off, %	ASTM D-4049	40	20
Water Washout @175°F, %	ASTM D-1264	3.2	1.5
Mobility @ 60°F (gm/min)	U.S. Steel	500	250
Dropping Point (°F)	ASTM D-2265	500	500