

SUPERIOR EXTRA HEAVY LM EP

Long Life Calcium Sulfonate Complex Grease for Steel Mills

SUPERIOR EXTRA HEAVY LM EP, is a calcium sulfonate grease developed specifically for use in Steel Mill operations. This product is formulated to withstand intense heat while providing excellent protection from the extreme pressures of working with high loads in steel processing. SUPERIOR EXTRA HEAVY LM EP grease is naturally resistant to water washout, but in contrast to lithium greases it provides additional protection to equipment during downtime by absorbing water that could lead to corrosion.

BENEFITS:

- Provides outstanding protection from wear under high load and shock loading
- Superior protection from rust and corrosion
- Excellent resistance to water washout
- Outstanding high temperature properties
- Environmentally friendly. Contains no antimony, barium, chlorine, phosphorus, zinc or free sulfur
- Also available in other NLGI grades, per customer request.

APPLICATIONS:

- Ladle Turrets
- Caster Segments
- Work Rolls / Hot Mill
- Coiler Mandrels



ASTM #	CHARACTERISTICS	1	2
	NLGI Grade		
D- 217	Penetration (worked)	310-340	265-295
	Color	Green	Green
D-2265	Dropping Point, °F (°C)	600 (320)	600 (320)
	Base Oil Viscosity		
D-445	cSt @ 40°C	460.0	460.0
	cSt @ 100°C	31.0	31.0
D-2596	Four Ball EP		
	Weld Point, kg	>800	>800
D-2266	Four Ball Wear Scar, mm	0.60	0.60
D-1264	Water Washout, % loss	0	0
D-4049	Water Spray-off, % loss	--	8
D-3527	Bearing Life Performance, hours	+100	+100
	High Temperature Limit, °F (°C)	425 (220)	425 (220)

The above are typical values. Minor variations which do not affect product performance are to be expected in normal manufacturing.