

Super S[®] Moly EP 2 Grease

TECHNICAL PRODUCT INFORMATION



Super S Moly EP 2 Grease

Super S Moly EP 2 Grease is a high performance extreme pressure (EP) multi purpose grease with outstanding high temperature performance. Provides excellent lubrication over a wide temperature range and a variety of services.

FEATURES/ BENEFITS

Super S Moly EP 2 Grease provides

- Excellent water resistance
- Outstanding rust and corrosion protection
- Excellent oxidation resistance
- Wear protection under extreme loads
- Fortified to withstand shock loads
- Resists softening due to heat
- Resists separation and pumps easily

APPLICATIONS

Super S Moly EP 2 Grease

- Recommended for
- Slow speed bearings in mining and heavy manufacturing
- Heavy duty chassis lubrication, ball joints, and univesal joints
- Ball and roller bearings
- Heavy service industrial lubrication
- Recommended for wheel bearings both disc and drum
- Fifth wheel applications

RECOMMENDATIONS/SPECIFICATIONS

Meets requirements of NLGI GC-LB

SPECIAL HANDLING, NOTICES OR WARNINGS

Use the same care and handling as for any petroleum product.



TYPICAL CHARACTERISTICS

Super S Moly EP 2 Grease		
Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Grey/black
Consistency	Visual	Smooth, Tacky
Soap Type		Lithium complex
NLGI Grade		2
NLGI Classification		GC-LB
Worked Penetration	217	265-295
Drop Point (°C/°F)	2265	260(500)
Filler		Molybdenum disulfide/graphite
Moly Content %		3
Oil Separation	1742	<1
Base Oil Viscosity	445	
cSt @ 40 °C		288-352
cSt @ 100 °C		25
Viscosity Index	2270	70
Automotive Applications		
Water Washout @ 175 °F	1264	2.5
Leakage Tendencies, g loss	4290	2.0
High Temp Life hours	3527	100
Fretting Protection mg	4170	7.8
Elastomer Change @ 100 °C Volume Change % Hardness Change %	4289	24 -9
4 Ball Wear Scar Diam., mm	2266	0.4
4 Ball Load Wear Index kgf	2596	45
4 Ball EP Weld kgf	2596	350
Rust Test	1743	Pass
Low Temperature Torque N-m	4693	15.5
Industrial Applications		
Timken OK Load lbs	2509	45
Cu Corrosion	4048	Pass
Oxidation, psi drop @ 100 hrs	942	2

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing

PRODUCT NUMBERS

- SUS 415 50/ 14oz tubes
- SUS 415-35 35 lb Pail
- SUS 415-120 120 lb keg
- SUS 415-400 400 lb drum