

Super S[®] Blue EP 2 Grease



Super S Blue EP 2 Grease is a High Performance extreme pressure (EP) multi purpose grease formulated to exceed the latest equipment requirements. Reduces the coefficient of friction with a unique formulation that adheres to metallic surfaces vs plating out. Super S Blue EP also shows the following benefits:

Energy Savings- reduce operating temperatures in load zone of bearings

Water Resistance- Lithium Complex greases have superior adhesive properties, structural stability, and resistance to water as shown in the Salt Water Spray test

Outstanding resistance to oxidation- a high level of chemical stability and are formulated with special additive combinations to provide excellent protection against wear, rust and corrosion, and providing operating viscosity at high and low temperatures

APPLICATIONS

Super S Blue EP 2 Grease

Recommended for

- Dropping point in excess of 500 °F
- Slow speed bearings in mining and heavy manufacturing
- Heavy duty chassis lubrication, ball joints, and universal 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.

FEATURES/ BENEFITS

- Excellent water resistance reducing water washout
- Outstanding rust and corrosion protection in all climates
- Excellent oxidation resistance to protect against rust and corrosion
- Wear protection under extreme loads reducing energy cost
- Formulated to withstand shock loads for use in bearing applications (NLGI GC-LB rated)
- Resists softening due to heat shows superior stability compared to other leading brands
- Resists separation and pumps easily for easy handling in cold temperatures
- Low Volatility helps resist viscosity increase at high temperatures to maximize relubrication intervals



TYPICAL CHARACTERISTICS

Super S Blue EP 2 Grease		
<i>Properties</i>	<i>Test Method ASTM D-</i>	<i>Data</i>
All Applications		
Appearance	Visual	Blue
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)
Oil Separation	1742	<5
Base Oil Viscosity	445	
cSt @ 40 °C		160
cSt @ 100 °C		15.7
Viscosity Index	2270	100
Automotive Applications		
Water Washout @ 175 °F	1264	7.0
Leakage Tendencies, g loss	4290	<5
High Temp Life, hours	3527	>80
Fretting Protection mg	4170	10 max
Elastomer Change @100 °C Volume Change % Hardness Change %	4289	22 -8
4 Ball Wear Scar Diam., mm	2266	0.4
4 Ball Load Wear Index kgf	2596	>30
4 Ball EP Weld kgf	2596	550
Rust Test	1743	Pass
Low Temperature Torque N-m	4693	13.5
Industrial Applications		
Timken OK Load lbs	2509	60
Cu Corrosion	4048	Pass
Oxidation, psi drop @ 100 hrs	942	10

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 413 50/ 14oz tubes
- SUS 413-35 35 lb Pail
- SUS 413-120 120 lb keg
- SUS 413-400 400 lb dum