



# BLUE MAX

## **Spectra Lube Blue Max, Full-Synthetic Multi-Purpose Grease**

Spectra Lube Blue Max is a premium Full-Synthetic lithium complex grease with enhanced mobility. Excellent choice for inventory consolidation. This high-performance grease exceeds GC-LB standards for wheel bearing and chassis applications and exceeds NLGI HPM+LT mobility requirements. The lithium complex thickener system with balanced additive technology has excellent extreme pressure protection as it minimizes wear at applied loads in both point and line contact applications.

It is excellent for high, low, and fluctuating operating temperatures, providing solid film strength and excellent mechanical stability. Spectra Lube Blue Max grease provides excellent pumpability and stay-in-place properties in all seasons while effectively reducing wear, resisting water washout, water spray, and preventing corrosion.

### **Applications**

Industries include: Ag, On-Road Heavy Duty, Off-Road Construction/Quarry, Automotive, and Industrial.

### **Features/Benefits**

- Excellent pumpability/mobility in a wide range of temperatures, balanced with stay-in-place properties
- Full synthetic for superior pumpability in a broad range of temperatures
- Superior film strength and friction reduction
- Excellent resistance against water washout and superior corrosion protection
- Provides excellent low and high temperature service
- Minimized oxidation through good thermal stability
- Good choice for inventory consolidation
- High-temperature thickening system
- Additive system is free of heavy metals

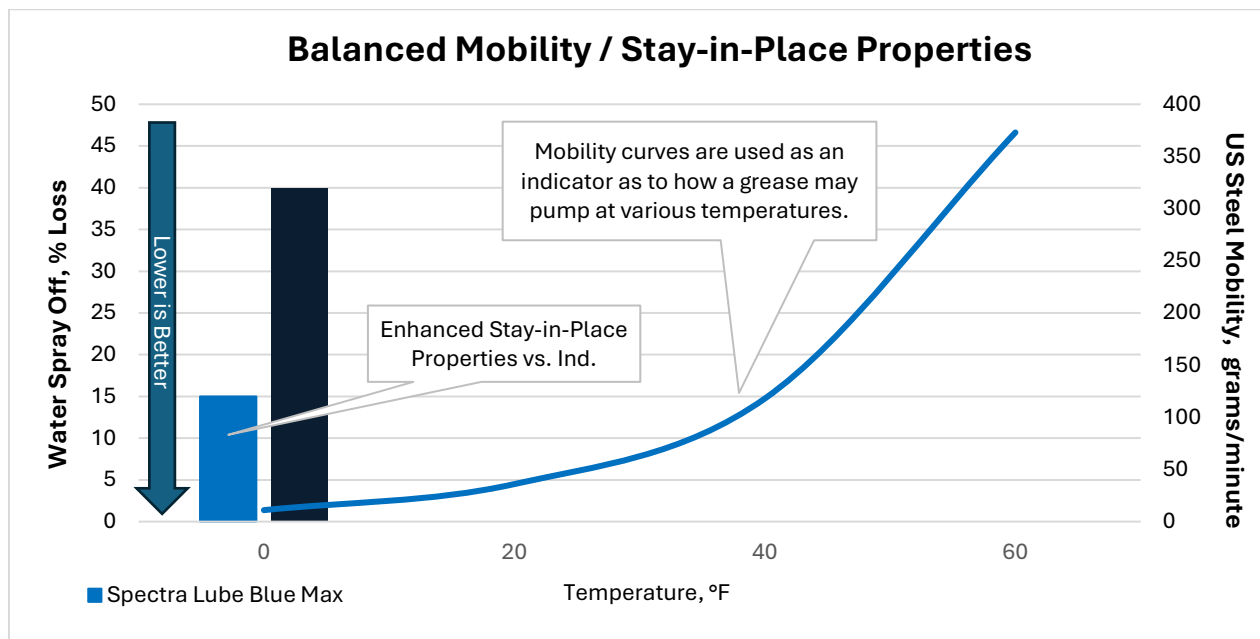
For high temperature considerations (in general), first consider the actual temperature range of the application, whether this application is intermittent or continuous, and what the reasonable re-lubrication intervals are. For low-temperature operations (in general), grease distribution systems must be given proper consideration, including pump type and capability, grease flow lines, length, type, and size.

*\*Refer to OEM specifications and recommendations regarding product type and lubrication interval for the equipment being lubricated.*



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**Spectra Lube Blue Max** technology provides a balance of excellent adhesion with superior mobility. Spectra Lube Blue Max polymer architecture provides excellent “stay-in-place” properties while carefully balancing its ability to pump in a broad range of temperatures.



The left side of the chart is the Water Spray Off test results, which is a good indicator of the adhesive properties. Spectra Lube Blue Max polymer architecture provides excellent “stay-in-place” properties while carefully balancing its ability to pump in a broad range of temperatures.

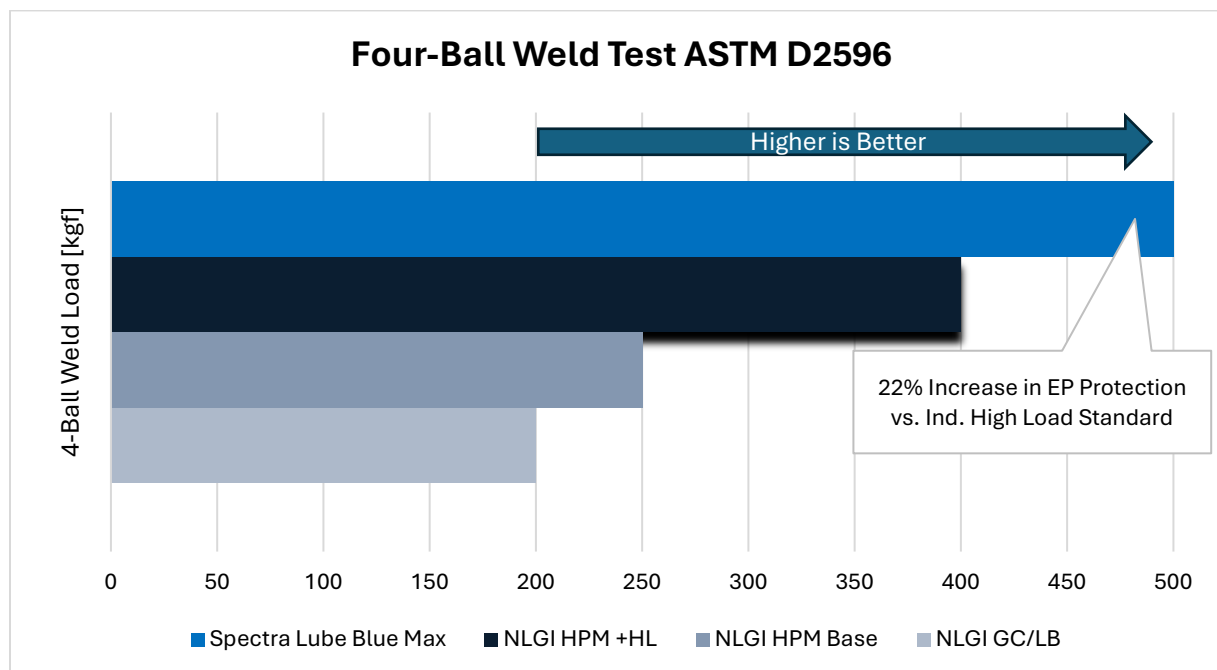
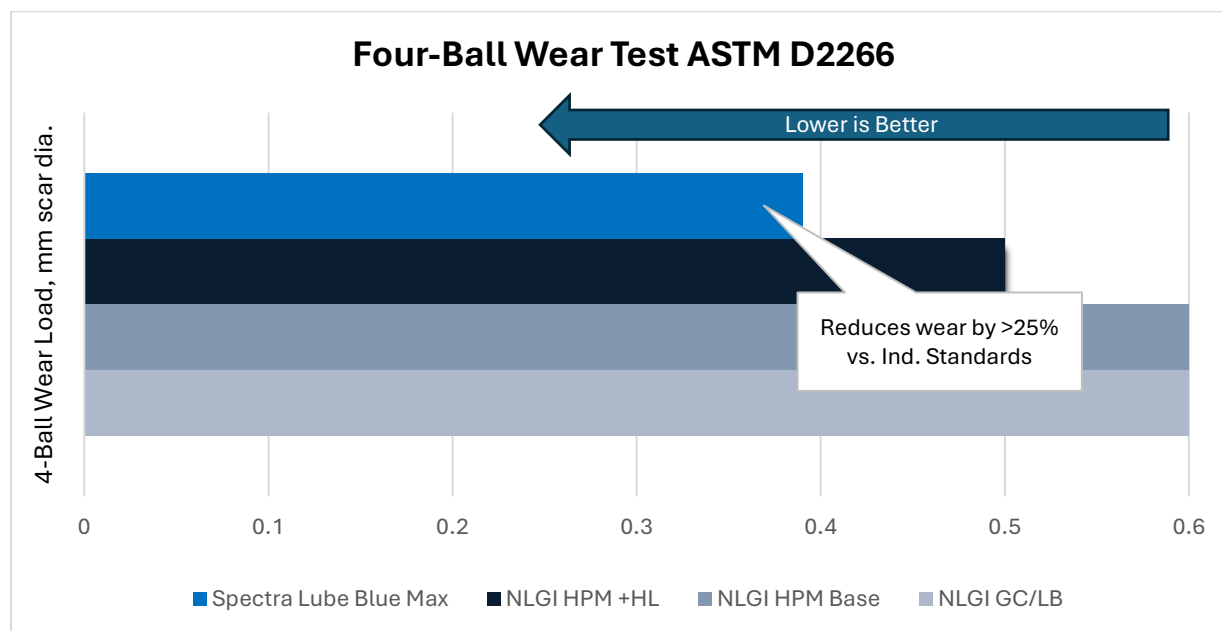
**Spectra Lube Blue Max** also provides excellent protection in corrosive environments, protecting equipment against road salt brines (ASTM D5969).





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**EP and AW Protection** – Spectra Lube Blue Max goes above and beyond the typical industry standards, providing added protection when you need it the most and peace of mind for long-term service and equipment durability by reducing wear more than 25% vs. Industry standards.





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## Typical Test Data

Test	Method	Spectra Lube Blue Max
NLGI Grade	NLGI	#2
Penetration @ 25°C W60	ASTM D217	265-295
Thickener Type	---	Lithium Complex
Color	----	Blue
Appearance	Visual	Smooth/Tacky
Base Oil Viscosity, cSt @ 40°C	ASTM D445	220
Dropping Point (°C/ °F)	ASTM D2265	272°C/522°F
4-Ball EP, Weld Point, kg.	ASTM D2596	500
Load Wear Index	ASTM D2596	75
4-Ball Wear, mm scar dia.	ASTM D2266	.39
Timken OK Load (lbs.)	ASTM D2509	50
SRV Load Test, N	ASTM D5706	1400
SRV Fretting Wear Test, mm	ASTM D7594	.36 mm
Copper Corrosion Protection	ASTM D4048	1b
Steel Corrosion - Synthetic Seawater (3%)	ASTM D5969	Pass
Water Spray-Off (% wt. loss)	ASTM D4049	16%
Water Washout, (79°C, % loss)	ASTM D1264	1%
Mobility (gm/min), -6.7 °C/ 20°F	US Steel	37
Low Temperature Torque @ -40°F, N-m (15.5 max)	ASTM D4693	6.55

## Product Availability

Item #	NLGI #2	Pack Type
459530	SPECTRA LUBE BLUE MAX 2	Case, 30/1
459531	SPECTRA LUBE BLUE MAX 2	Pail 35 lb.
459532	SPECTRA LUBE BLUE MAX 2	Keg 110 lb.
459533	SPECTRA LUBE BLUE MAX 2	Drum 370 lb.