



## Product Data Sheet

### Blue Max EP1 and EP2 Greases Lithium Complex Lubricating Greases

#### DESCRIPTION

Nemco Blue Max EP Greases are premium quality, Lithium Complex based grease designed for use on plain and anti-friction bearings in all automotive, farm equipment and industrial machinery. These multi-purpose Lithium Complex greases have a high dropping point in excess of 260°C, which ensures retention where high temperatures are encountered.

Blue Max EP Greases have been formulated with a special additive package that ensures high film strength, extreme pressure and anti-wear properties. The high quality virgin base fluids provide excellent natural oxidation inhibition, and when combined with effective anti-oxidants as well as corrosion inhibitors they provide extra stability under storage and extreme service conditions.

Nemco Blue Max EP Grease is available in NLGI grades #1 and #2.

#### Features and Benefits

- **EP performance** – Excellent extreme pressure properties reduce wear and maintenance costs
- **Long Life** – Enhanced oxidative and thermal stability leads to longer grease life
- **High Dropping Point** - A dropping point over 260°C demonstrates the ability of Blue Max Greases to handle high temperature service.
- **Wide Temperature Range of Service** - Typical operating ranges
  - Blue Max EP1 grade -40°C to 121°C
  - Blue Max EP2 grade -1°C to 176°C

#### Applications

Nemco Blue Max EP Greases are multi-purpose greases suitable for wheel bearings, universal joints, suspension systems, ball joints, and anti-friction plain bearings

Meets standards for NLGI GC-LB wheel bearing and chassis lubrication

Agricultural, automotive and industrial equipment



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## Typical Characteristics – Blue Max EP Greases

NLGI Grade	EP1	EP2
Thickener type	Lithium Complex	Lithium Complex
Texture	Smooth/Tacky	Smooth/Tacky
Colour	Blue	Blue
Worked penetration D217, 25°C/60 strokes	280	325
Dropping point D2265, °C (°F) minimum	>260 (>500)	>260 (>500)
Water Spray-Off D4049, % wt. loss	55%	35
Rust prevention D1743, rating	Pass	Pass
Copper corrosion D4048, rating	1b	1b
Mobility @ 15.5 °C, g/min (US Steel)	450 min	350 min
Four ball wear D2266, mm scar diameter	<0.60	<0.60
Four ball extreme pressure weld point D2596, minimum	315	315
Four ball load wear index D2596, Kgf	50	50
Timken OK load D2509, lb	50	50
Viscosity cSt at 40°C	320	320

*Physical characteristics shown in the table are typical and may vary slightly.*