



# PRODUCT SPECIFICATION DATA SHEET



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## BOSS PREMIUM HIGH PERFORMANCE GREASE “BLUE RAM”

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### Customer Benefits:

BLUE RAM is a premium plus, high performance lubricating grease which has exceptional mechanical stability, very high load carrying capacity, excellent water resistance and water washout performance, along with a wide operating temperature range. This grease has an exceptional EP performance as evidenced by its Four Ball EP-WELD point of 500 kg and a 65lb Timken OK rating. The BLUE RAM's water washout of <3% makes this grease one of the most water resistant products available in the grease market. Not only is this grease very water resistant, but its unique chemical formulation gives this grease outstanding rust and corrosion resistance, even in the presence of high water and salt spray environments. The BLUE RAM NLGI 1.5 grease is truly a multi-purpose grease capable of handling high loads and giving long term protection under even some of the most hostile conditions. The BLUE RAM's formulation is environmentally friendly as the grease contains no heavy metals or other environmentally undesirable materials such as compounds containing- antimony, barium, lead, chlorine, phenols and phosphorus.

### PERFORMANCE SPECIFICATIONS:

#### NLGI GRADE

1.5

Color	Blue
Texture	Smooth
Thickener Type	Overbased Calcium Sulfonate
Penetration @ 24 C, ASTM D 217, 0.1mm	
Worked 60 Strokes	285-315
Worked 100,000 Strokes-change +5	
Base Oil Properties	
Viscosity	129
CST @ 40 C	130
Pour Point, C	-22
Viscosity Index	95
Dropping Point, ASTM D-2265, C	>300 (572F)
Oxidation Stability, ASTM D-942, PSI Drop	
@ 100 Hours	0
@ 500 Hours	2
@ 1000 Hours	9
4 Ball Wear Test, ASTM D-2266, Scar Dia.,mm	
40kg, 1200 RPM 1 Hr	0.39
4 Ball EP Test, ASTM D-2596	
LWI, Kg	65
Weld Point, Kg	500
Timken OK Load, ASTM D-2509, lbs	65
Rust test rating, ASTM D-1743	Pass
Water Washout, ASTM D-1264@80C %loss	2.75
Wheel Bearing Leakage, ASTM D-1263	
Modified @ 164C, grams	0.4

\*Values shown here are typical and may vary.

## **Applications:**

**INDUSTRIAL:** Machine Tools, Manufacturing Equipment, Conveyors, Packaging Equipment, Electric Motors, Paper Making Equipment, High Temp. Applications, Fork Lifts, Water Pumps

**CONSTRUCTION:** Cranes, Dozers, Shovels, Graders, Loaders, Asphalt Spreaders

**FARMING:** Tractors, Combines, Loaders, Accessories, Pumps, Machine Shops, Wagons.

**MINING:** Mining Equipment, Pumps, Conveyors, Pulleys, Electric Motors.

**TRANSPORTATION:** Chassis Lubrication, Bearings, Fifth Wheel Grease, King Pins

**AUTOMOTIVE:** Chassis, Wheel Bearings, Disc Brakes

## **Properties:**

- Exceptional mechanical stability
- Very high load carrying capacity
- Outstanding water resistance (washout)
- Outstanding rust and corrosion resistance
- High Timken load
- Extreme pressure qualities
- Salt water corrosion protection
- Extreme high temperature range
- Compatibility with most types of grease
- Excellent adhesive and cohesive stability
- Superior oxidation resistance, providing longer life.
- NLGI certified GC-LB in wheel-bearing and chassis applications