



# NO MELT GREASE

**Lithium complex | Mineral Oil/Polymer | Will NOT melt or drip even at +270°C**

BiRAL NMG is excellent wherever lubricating problems occur due to high temperatures, heavy loads and aggressive environments/conditions. Examples are conveyors, chains and moving parts for stove enamelling, sintering presses, ovens (radiant heat or IR) autoclaves, drying plant, paint booths, bottling plants, packaging and carton making machines, bearings and equipment frequently subjected to extremes of heat, steam, seawater and aggressive chemical attack. BiRAL NMG is based on a mixture of mineral oil and polymer, containing antioxidants, corrosion inhibitors and EP/AW additives. The lithium complex soap blended in this mixture, makes the product suitable for applications at elevated temperatures, heavily loaded bearings and wet and corrosive environments. This structure gives NMG a high degree of mechanical stability.

## Customer Benefits:

- \* NMG will not melt, drip nor run even if ignited.
- \* NMG withstands extremely heavy loads.
- \* NMG is highly adhesive and water repellent.
- \* NMG protects from rust, corrosion, and chemical attack.
- \* NMG provides lubrication over extended periods.

## Properties:

Color: Orange, NLGI grade ASTM D 217 mod: 2  
Temperature Range: -20°C - +180°C  
Penetration 60 strokes ISO 2137: 265 - 295  
Dropping point IP 396: >260°C  
Base oil vise. at 40°C ASTM D 7152: 800 mm<sup>2</sup>/s  
Base oil vise. at 100°C ASTM 07152 44 mm<sup>2</sup>/s  
Water resistance at 90°C DIN 51807:1: 1  
Water wash out at 79°C ISO 11009: <10%  
Emcor salt water ISO 11007: <2 - 2  
Flow pressure at -20°C DIN 51805 mod: <1400 mbar  
4-ball weld load DIN 51350:4: 3200 N  
SKF R2F Bat 140°C - SKF: Pass  
Density IP 530: 900 kg/m<sup>3</sup>  
Non-lead based EP (extreme pressure) agent.



Product Code: BIR-NMG-500ML-CASE

BIR-NMG-500ML-S (single)

# ADVANTAGE

**Advantage Distributing and Lubricants, LLC**

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READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION