

Great for 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 and heavy loads such as road construction, asphalt laying. Also environments exposed to seawater and aggressive chemical attack.

BIRAL NMG is supplied in 400gm cartridges. 5Kg tubs, 18 and 50 Kg drums.

---

### **Operational performance**

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.

---

### **Properties**

Thickener: Lithium complex

Base fluid: Mineral oil / Polymer

Colour: 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 visc. at 40°C ASTM D 7152: 800 mm<sup>2</sup>/s

Base oil visc. at 100°C ASTM D7152 44 mm<sup>2</sup>/s

Water resistance at 90°C DIN 51807:1:1

Water resistance at 70°C ISO 11000: <10%