



# NMCG

**No melt grease**

**will NOT melt or drip even at +270deg.C**

**PROPERTIES:**

Temperature Range: **-20°C - +270°C**  
 Penetration worked & un-worked: **320 ± 10**  
 Drop Point: ASTM D 2265 64 T: **NONE**  
 Wheel Bearing Test: ASTM D 1263 53 T  
 @ 105°C. *Max. Grease loss: 1.39%*  
 Water washout test ASTM D 1264 - 50/hrs  
 @ 80°C. *Max grease loss: 3.28%*  
 Oil bleeding (100°C. 24 hrs): **1.86%**  
 4 Ball Test: Mean Hertz load: **80**  
*Insulating Property: NEM. Min. 50,000Ω*  
**Non-lead based EP (extreme pressure) agent.**

**OPERATIONAL PERFORMANCE**

- BiRAL NMCG will not melt, drip nor run even if ignited.
- BiRAL NMCG withstands extremely heavy loads.
- BiRAL NMCG is highly adhesive and water repellent.
- BiRAL NMCG Protects from rust, corrosion and chemical attack.
- BiRAL NMCG Provides lubrication over extended periods

**GENERAL AREAS OF APPLICATION:**

BiRAL NMCG 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 NMCG can be used with complete confidence from: -20°C to +270°C. However with frequent lubricating intervals NMCG can be used for short periods up to +300°C.



**BiRAL NMCG is supplied in 400gm cartridges. 5Kq tubs, 18 and 50 Kq drums.**

**DTS Process Technologies Ltd**

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