

# **Balmerol<sup>®</sup> Grease SMB - 2**

## **High Performance Heavy Duty Non-Soap Grease**

Technical Data Sheet

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### **Product Description:**

Balmerol Grease SMB - 2 is a superior quality non-melting greases specially developed for equipment and machine parts operating at high temperature. Their unique nonsoap structure ensures prolonged life, stability and water repellency at high temperature. Balmerol Grease SMB 2 is additionally fortified with micro-fine molybdenum disulfide solid lubricant for extra load bearing capability and anti-wear property.

### **Features & Benefits:**

Balmerol Grease SMB - 2 provides the following benefits:

- Thermally and chemically stable, unparallel resistance to oxidation at high temperatures
- It will not soften and leak from bearing
- Very good resistance to water washout and steam
- Very good anti-wear properties
- High viscosity mineral oil with excellent oxidation and evaporation resistance
- Moderate low temperature properties

### **Applications / Recommendations:**

- Balmerol Grease SMB - 2 is recommended for lubrication of slow moving mechanisms at high temperature
- Balmerol Grease SMB - 2 may be preferred for equipment subjected to heavy loads and frequent shocks at high temperature
- Balmerol Grease SMB - 2 is recommended for Plain Bearings, Sleeves, Sugar Mill Bearings, Klin Car Bearings, Furnace Door Gears
- This grease can be safely used in the range of 0 –180 °C depending on conditions of use, speed and re-lubrication frequency

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### Typical Properties:

Balmerol Grease SMB - 2	
Properties	Grease SMB - 2
Colour	Grey
Thickener type	Non - Soap (Bentonite Clay)
Base Oil Type	Mineral
Kinematic Viscosity @ 40°C, cSt, ASTM D 445	1400 - 1500
Kinematic Viscosity @ 100°C, cSt, ASTM D 445	45
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	265 - 295
NLGI Grade	2
Dropping Point °C, min, ASTM D 566	260
Copper Strip corrosion@ 100° C, 24 hrs, max. ASTM D 4048	Negative

### Health and Safety:

Balmerol Grease SMB - 2 is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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