

# **Balmerol® DRI-LUBE '0' (M)**

## **Open Gear Grease for Sponge Iron Industry**

Technical Data Sheet

### **Product Description:**

**Balmerol DRI-LUBE '0' (M)** is a Lithium Complex soap base grease designed for lubrication of open gears operating in adverse conditions. Usage of superior variety of anti-wear and extreme pressure additive package ensures extended life of open gears subject to moderately high loads, shock loads, extreme ambient temperatures and very dusty environment. The additive package used takes into consideration flowability requirements for adequate picking up with the gear teeth in dip lubrication system.

### **Features & Benefits:**

Balmerol DRI-LUBE '0' (M) provides the following benefits:

- Excellent performance under moderately heavy and shock loads
- Reliable corrosion protection
- Very good adhesion properties & excellent wear protection
- Ensures extended life of open gears
- Very good flowability
- Usable temperature range, (-) 10°C to (+) 140°C.

### **Applications / Recommendations:**

- Most suitable for lubrication of all types of medium to small open gears on kilns, mills, mixers, etc. working under moderately heavy loads and prone to excessive pitting, scaling or abrasive wear.
- Typical applications cover industries like Sponge Iron, Sugar Plants, Crushing Mills, Ports, Mines, Metallurgical and other Engineering industries. Balmerol DRI-LUBE '0' (M) may be applied by direct immersion or brushing.
- Gears heavily coated with old lubricants and / or abrasive substances should be cleaned prior to application of Balmerol DRI-LUBE '0' (M) grease.

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### Typical Properties:

Balmerol DRI-LUBE '0' (M)	
Properties	DRI-LUBE '0' (M)
Colour	Black
Texture	Homogeneous & free flowing
NLGI	0
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	355-385
Base Oil	Mineral
Viscosity @ 40°C, cst, ASTM D 445	700
Viscosity @ 100°C, min, cst, ASTM D 445	35
Viscosity Index, min, ASTM D 2270	80
Dropping Point °C, min, ASTM D 566	195
Four Ball EP Test (Weld Point) Kg, min, IP 239	620
Timken OK Load, lbs, min, ASTM D 2782	45

### Health and Safety:

Balmerol DRI-LUBE '0' (M) 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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