

Balmerol[®] Grease CG 1

High Speed Coupling Grease

Technical Data Sheet

Product Description:

Balmerol Grease CG 1 is a premium quality low bleed coupling grease suitably designed for high speed coupling applications. It is based on stable lithium complex thickener and selected high viscosity mineral base oil and polymer. It is fortified with synergistic blend of additives to provide antiwear, extreme pressure, anti rust and antioxidant properties. The lithium complex soap thickener offers high temperature stability and shear stability under high speed conditions. It meets the requirements of modern high speed gear and grid couplings

Features & Benefits:

Balmerol Grease CG 1 provides the following benefits:

- Excellent resistance to oil separation leads to less leakage and better coupling protection
- Lithium complex soap thickener provides high temperature stability
- Superior oxidation stability gives longer life
- Excellent anti wear and extreme pressure characteristics provides
- Extended relubrication intervals
- Meets AGMA CG2 and CG1 specifications

Applications / Recommendations:

- Balmerol Grease CG 1 suitable for high speed gear and grid couplings operating at high temperatures

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Typical Properties:

Balmerol Grease CG 1	
Properties	Grease CG 1
Colour	Dark Brown
Structure	Tacky
Thickener type	Lithium Complex
Base Oil Type	Mineral
Kinematic Viscosity @ 40°C, ASTM D 445, cst	990
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	314
Dropping Point °C, min, ASTM D 566	180
Four Ball Weld load, kgs, min., IP 239	315
Four Ball Wear Scar dia, max, ASTM D 2266	0.40
Timken OK load, kgs, min. ASTM D 2509	50
Rust test rating, ASTM D 1743	Passes

Health and Safety:

Balmerol Greases CG 1 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:

Balmer Lawrie & Co. Ltd.
SBU: Greases & Lubricants (G&L) Division
P- 43, Hide Road Extension
Kolkata: 700088
www.balmerlawrie.com