

Balmerol[®] Grease HTB

Non-Soap Grease For High Temperature Application

Technical Data Sheet

Product Description:

Balmerol Grease HTB is superior quality non-melting greases specially developed for equipment and machine parts operating at high temperature. Their unique non-soap structure ensures prolonged life, stability and water repellency at high temperature.

Features & Benefits:

Balmerol Grease HTB provides the following benefits:

- Reduce down time and maintenance cost
- Extended intervals between relubrication
- Very good resistance to water wash out and steam
- High stability under high temperature environments
- Protects equipment, even at low speed and under shock load, and reduces unexpected downtime

Applications / Recommendations:

- Balmerol Grease HTB is recommended for lubrication of slow moving mechanisms at high temperature.
- It may be preferred for equipment subjected to heavy loads and frequent shocks at high temperature.
- It is recommended for plain and anti-friction bearings operating at high temperature, hot air blower bearings, kiln car bearings, oven conveyors, bakery equipment, textiles drying machine bearings and bearings operating at annealing furnace.
- It can be safely used in the range of 0 –180 °C depending on conditions of use, speed and relubrication frequency.

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Typical Properties:

Balmerol Grease HTB		
Properties	Grease HTB 2	Grease HTB 3
Thickener type	Non - Soap	Non - Soap
Base Oil Type	Mineral	Mineral
NLGI Grade	2	3
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	265 - 295	220-250
Dropping Point °C, min, ASTM D 566	284	284
Water wash out @ 80°C, % loss, max. ASTM D 1264	1.1	1.1
Copper Strip corrosion@ 100° C, 24 hrs, max. ASTM D 4048	Negative	Negative
Oxidation stability, 100hrs, drop in pressure (Kg/Cm ²), max., ASTM D 942	0.2	0.2
Rust test (48 hrs) as per ASTM D 1743	Pass	Pass
Four Ball Weld load, kgs, min., IP 239	250	250

Health and Safety:

Balmerol Grease HTB 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