

Balmerol[®] Hytec EP2

Non-Soap Grease For High Temperature Application

Technical Data Sheet

Product Description:

Balmerol Hytec EP 2 is a high performance lubricating greases based on special heat resistant ingredients and additive package. Balmerol Hytec EP2 is suitable for long term or life time lubrication of plain, ball and roller bearings operating at normal to medium loads under high temperature conditions. This grease is pressure resistant and has very good load carrying capacity.

Features & Benefits:

Balmerol Hytec EP2 provides the following benefits:

- Excellent performance under heavy / shock loads at very high temperature
- Non-ageing and structurally very stable
- Resistance to hot/cold water
- Perform well in alkaline or acidic atmosphere
- Pumpable through centralized lubrication system
- Reliable corrosion protection which extends component life
- Wide operating temperature range , 0 °C to 180 °C & upto 220 °C for short term operation

Applications / Recommendations:

- Recommended for all bearings which have to be operated under high thermal stresses such as in paint curing ovens
- Suitable for hot air blower fan bearings in textile, plastics, wood working and food industries
- Work well in steam heated calender and drying cylinder bearing with normal re-lubrication intervals in paper, textile and plastic industries
- Can be used in bearings at temperatures upto 150 °C and normal operating conditions for life time lubrication
- Also recommended for bearings operating in slightly acidic or alkaline atmosphere e.g. in textile machinery, tanneries, phosphatizing equipment or immersion baths which generate aggressive fumes
- Balmerol Hytec EP 2 performs excellently at NDm factors satisfactorily upto 200,000
- Bearings should only be filled half way for optimum results

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- Before initial filling, thoroughly remove the left over grease and clean the bearings. Do not mix with other lubricating greases

Typical Properties:

Balmerol Hytec EP2	
Properties	Hytec EP2
NLGI Grade	2
Colour	Black
Appearance	Smooth
Thickener Type	Inorganic
Base Oil type	Mineral
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	290
Dropping Point °C, min, ASTM D 566	None
Four Ball Weld Load, min, Kg, IP 239	315
Evaporation loss, % by wt @ 180° C, 2 hrs	None
SRV Friction / wear test (High temperature mode) @ 180° C, point contact	Pass

Health and Safety:

Balmerol Hytec EP2 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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