

Balmerol[®] Grease Seal Guard-HT

High Performance Grease

Technical Data Sheet

Product Description:

Balmerol Grease Seal Guard – HT is a premium grade high performance grease based on a latest Aluminium Complex soap based thickener system in refined petroleum oil. The Aluminium Complex soap thickener along with a specific polymeric additive component imparts unique sealing characteristics to the grease with excellent high temperature stability. It is fortified with a synergistic blend of extreme pressure, antiwear, antioxidant and anticorrosion additives and is characterised by high dropping point, outstanding oxidation stability, high extreme pressure capability and a reversible viscosity-temperature behavior. Its unique flow property along with a high degree of shear stability and water resistance is not matched by the conventional soap or non-soap based greases.

Features & Benefits:

Balmerol Grease Seal Guard- HT provides the following advantages / benefits:

- Advance complex soap base grease and additive technology
- Excellent performance under high / shock loads & adverse conditions
- Provides superior protection against corrosion and wear with extension of equipment life
- Very good adhesion properties & excellent film strength
- Excellent high temperature stability
- Excellent water repelling property
- Extended re-lubrication intervals

Applications / Recommendations:

- Balmerol Grease Seal Guard – HT is recommended for heavy duty steel plant and engineering applications where resistance to high temperatures, loads and water is critical.
- It is ideal for applications where temperatures tend to shoot up intermittently.
- Typical applications include sleeve seal application in rotary kilns in sponge iron units, continuous casters in steel plants and run out rolls in steel plants.

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Typical Properties:

Balmerol Grease Seal Guard - HT	
Properties	Seal Guard-HT
NLGI Grade	1
Colour	Creamish Yellow
Appearance	Homogenous
Thickener Type	Aluminium Complex
Base Oil type	Mineral
Base oil Viscosity, cst @ 40°C, ASTM D 445	460
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	300 - 315
Penetration Change after 100000 strokes, max., ASTM D 217 (Units)	20
Dropping Point °C, min, ASTM D 566	260
Four Ball Weld Load, min, Kg, IP 239	315
Water Wash Out, % Loss @ 80°C max, ASTM D 1264	2.0
Copper Strip corrosion@ 100° C, 24 hrs, max. ASTM D 4048	1b
Emcor rust test rating, IP 220	0,0

Health and Safety:

Balmerol Grease Seal Guard - HT 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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