

Balmerol[®] Shackle Grease

High Performance Synthetic Grease

Technical Data Sheet

Product Description:

Balmerol Shackle grease is a premium quality multi-purpose synthetic oil based lithium soap grease. This grease offers excellent resistance water and petroleum products. The synthetic base oil used makes the grease suitable for lubrication of rubber parts, PU bushes and plastic parts.

Balmerol Shackle grease is formulated to meet DIN Classification: GPXOON-30.

Features & Benefits:

Balmerol Shackle Grease provides the following benefits:

- Reduced re-lubrication requirements
- Compatible with plastic, rubber & PU parts
- Extend component life
- Reduces friction

Applications / Recommendations:

- Balmerol Shackle grease can be used in bush, plain bearing and gear applications
- It can be used where there is water prone environment
- This grease is compatible with seal materials, rubber , PU and plastic parts
- It can be operate from -30°C to + 135°C

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Typical Properties:

Balmerol Shackle Grease	
Properties	Shackle Grease
Appearance	Smooth, Buttery
Colour	Off White
Thickener type	Lithium
NLGI	00
Base Oil Type	Synthetic (Polyglycol)
Base Oil Kinematic Viscosity, ASTM D 445, cst @ 40°C	145
Base Oil Kinematic Viscosity, ASTM D 445, cst @ 100°C	22.5
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	400-430
Dropping Point °C, min, ASTM D 566	180
Oxidation stability, 100h, % drop in pressure, bar, ASTM D 942	0.34
Water content max % of wt	0.10%
Free alkalinity, % wt as LiOH, ASTM D 128	0.20%
Free acidity, % wt as Oleic Acid, ASTM D 128	0.50%

Health and Safety:

Balmerol Shackle Grease 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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