

Balmerol® Likop 1650

Heavy Duty Lithium Complex Grease

Technical Data Sheet

Product Description:

Balmerol Likop 1650 is a multipurpose Lithium complex soap grease based on highly viscous paraffinic mineral oils. Balmerol Likop 1650 also contains antioxidants, anti corrosion and extreme pressure additives for enhanced extreme pressure and anti-seize performance.

Features & Benefits:

Balmerol Likop 1650 provides the following benefits:

- Very wide operating temperature range (- 10 to 160° C)
- Excellent performance under severe shock loads even at higher temperatures
- Provides superior protection against pitting, fretting corrosion & wear under oscillating and sliding motion
- Resistance to water wash out & excellent adherence to metal surfaces
- Extends equipment life & relubrication intervals
- Reduce Energy consumption (low co-efficient of friction)
- Lead and Chlorine free

Applications / Recommendations:

- Most suitable for plain bearings and sliding surfaces having severe shock load in a wide variety of applications
- It can also be used in slow speed rolling and angular contact bearings having adequate clearance to take care of solid particles
- Particularly recommended for use under boundary lubrication conditions, especially where sliding motion or vibrations can cause the grease to squeeze out from the surfaces in contact
- Generally recommended for all difficult service conditions such as dust, exposure to vapours and rains, recurrence of shock loads
- Ideal for support roller bearing in cement plant etc
- It can be dispensed through either manually or through gun

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Typical Properties:

Balmerol Likop 1650	
Properties	Likop 1650
Appearance	Smooth
Colour	Grey Brown
Thickener type	Lithium Complex
Base Oil Type	Mineral
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	292
Dropping Point °C, min, ASTM D 566	262
Copper Strip corrosion@ 100° C, 24 hrs, max. ASTM D 4048	1a
Heat Stability @ 100°C, 30 hrs, % loss, max. IS 1448 P-89	0.8
Timken OK load, lbs, min. ASTM D 2509	50
Emcor Rust test rating, IP -220	0,0

Health and Safety:

Balmerol Likop 1650 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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