

Balmerol® Multigrease LL RT

Premium Quality Multifunctional Grease

Technical Data Sheet

Product Description:

Balmerol Multigrease LL RT is a lithium base grease formulated with especially developed synergistic additives and selected raw materials for optimum lubrication under normal as well as adverse mechanical conditions. Special additives incorporated in the grease rapidly reduce friction and wear, thus enhancing component life and extending re-lubrication intervals. Balmerol Multigrease LL RT has excellent shear stability and good surface adhesion. It is non-ageing and is highly resistant to cold and hot water, heat, rust, corrosion and oxidation.

Features & Benefits:

Balmerol Multigrease LL RT provides the following benefits:

- Very good performance under heavy loads
- Excellent protection from friction & wear
- Reliable corrosion protection which extends component life
- Resistance to water wash-out

Applications / Recommendations:

Balmerol Multigrease LL RT is suitable for long term lubrication of all types of heavy and medium duty automotive wheel bearings - particularly trucks, transport vehicles, tractors, earth-movers, etc. operating under heavy loads.

It is also recommended for all types of industrial ball and roller bearings of heavily loaded equipment such as construction machinery, cranes, industrial blowers, motors, fans, etc.

Balmerol Multigrease LL RT is not compatible with sodium base wheel bearing greases and all types of differential oils. Hence, bearings should be thoroughly cleaned and oil seal should be changed before filling new grease. Only two-thirds of the bearings need to be filled for optimum lubrication.

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Typical Properties:

Balmerol Multigrease LL RT	
Properties	Multigrease LL RT
Thickener Type	Lithium
Base Oil	Mineral
NLGI	3
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	220 -250
Change in penetration after 100,000X, strokes at 25 °C, max ASTM D 217	± 25 units
Dropping Point °C, minimum, ASTM D 566	180
Four Ball Weld Load, Kg, ASTM D 2596	200
Water washout at 80° C weight loss, % max, ASTM D 1264	Fully Resistant
Wheel Bearing Test, 6 hours, ASTM D 1263	
a) Leakage by mass	3 max
b) Slump	Passes
Oxidation stability at 99° C, Pressure drop after 100 hrs, kgf/cm ² max, ASTM D 942	0.5
Emcor Rust ProtectionTest, IP 220	0,0

Health and Safety:

Balmerol Multigrease LL RT 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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