

Balmerol[®] Autoplex Premium

Multipurpose High Temperature Grease

Technical Data Sheet

Product Description:

Balmerol Autoplex Premium is high performance Lithium - complex grease designed for lubrication of bearings of most automotive and industrial equipment. This grease is based on high quality mineral baseoil, superior Lithium complex soap thickener fortified with excellent anti-oxidant, anti-rust and anti-wear additive systems. Balmerol Autoplex Premium also conforms to NLGI GC / LB nomenclature and efficiently lubricates wheel bearings over wide ranges of temperature, leading to extension of re-lubrication period.

Features & Benefits:

Balmerol Grease Autoplex Premium provides the following advantages / benefits:

- It provides long service life due to the presence of high quality mineral baseoil and stable Lithium - complex thickener system
- It possesses excellent mechanical stability and high temperature lubrication capability
- It has excellent oxidation stability during service
- It provides superior protection to the rolling elements against rust and wear
- ISO VG 220 viscosity of the baseoil satisfies the requirements for grease lubricated bearings in most automotive and industrial equipment
- It has excellent anti-wear and load carrying capacity. Due to its high drop point it offers excellent thermal stability and can withstand the temperature rise during severe braking and also frequent stop and start situations.

Applications / Recommendations:

Balmerol Autoplex Premium is recommended for lubrication of moderate to heavy duty applications in automotive and industrial bearings operating at high temperatures.

Balmerol® Autoplex Premium

Multipurpose High Temperature Grease

Technical Data Sheet

Typical Properties:

Balmerol Autoplex Premium	
Properties	Autoplex Premium
Colour & Appearance	Red coloured, smooth
Thickener Type	Lithium Complex
Base Oil	Mineral
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	230 - 250
Change in penetration after 100,000X, strokes at 25 °C, max ASTM D 217	± 30 units from 60 X
NLGI	3
Base oil Viscosity, cst @ 40°C, ASTM D 445	ISO VG 220
Dropping Point °C, ASTM D 2265	240 +
Four Ball Weld Load, Kg, IP 239	250 minimum
Copper corrosion test @ 100°C, 24 hours, Rating, ASTM 4048	1a

Health and Safety:

Balmerol Autoplex Premium 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:

Balmer Lawrie & Co. Ltd.
SBU: Greases & Lubricants (G&L) Division
P- 43, Hide Road Extension
Kolkata: 700088
www.balmerlawrie.com