

Balmerol® Autoplex BLGX Lithium Grease

High Performance Automotive Grease

Technical Data Sheet

Product Description:

Balmerol Autoplex BLGX is a premium quality long life lithium grease formulated with a specially designed soap system, high viscosity index base oil and carefully balanced synergistic additives for lubrication under heavy loads and intermittent high temperatures. The soap system incorporated in the grease enables it to retain its structure even under severe temperatures and high loads, thereby reducing leakage and enhancing component life through extension of relubrication intervals. Balmerol Autoplex BLGX has excellent shear stability and good surface adhesion. It is non-ageing and highly resistant to cold and hot water, heat, dust, rust, corrosion and oxidation. It fully meets stringent requirements of ASTM D4950 for automotive service grease as also Indian specification IS: 12203.

Features & Benefits:

Balmerol Autoplex BLGX provides the following advantages / benefits:

- Provides good bearing / equipment protection for automotive vehicles – Increases component life
- Good water resistance – Lower grease consumption and better bearing / component protection
- Ability to sustain high operating temperatures – Better bearing / component protection and extended regreasing interval
- Good corrosion protection in wet conditions which extends equipment life

Applications / Recommendations:

Balmerol Autoplex BLGX is state-of-the-art high performance grease for all automotive service grease applications, including two-wheelers, cars, trucks, buses and construction and mining equipments operating under severe conditions. Balmerol Grease Autoplex is multifunctional grease equally suitable for wheel bearings, chassis and suspension requirements.

Wheel Bearings

Balmerol Autoplex BLGX conforms to NLGI GC LB nomenclature and efficiently lubricates wheel bearings over wide temperature ranges leading to extension of relubrication period. Balmerol Grease Autoplex can safely withstand the high ambient temperatures of extreme summer conditions as also frictional heat generated by severe braking action. It is also extremely shear stable at high speeds and does not thin or run down under such conditions.

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Balmerol Autoplex BLGX also meets problematic city driving conditions for taxi cabs / cars where frequent braking conditions demand a considerably higher performance. Balmerol Autoplex BLGX is used by OEMs and leading fleet operators.

Chassis - Universal Joints

Balmerol Autoplex BLGX is ideally suited for lubrication of Ball / Universal joints and suspensions. It significantly reduces torque requirements for negotiating difficult terrain. For chassis lubrication, Balmerol Autoplex BLGX significantly outperforms NLGI LB relubrication requirements. It is fully resistant to water and hence ideally suited for Indian road conditions.

Typical Properties:

Balmerol Autoplex BLGX	
Properties	Autoplex BLGX
Colour & Appearance	Light coloured, smooth, free from lumps
Thickener Type	Lithium
Base Oil	Mineral
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	230 -260
NLGI	2/3
Dropping Point °C, ASTM D 566	180 minimum
Resistance to water, DIN 51807	Fully Resistant
Emcor Rust Protection Test, IP 220	0,0
Oxidation Stability, Pressure drop kg/ cm ² fter 100 hrs @ 99°C max, ASTM D 942	0.5

Health and Safety:

Balmerol Autoplex BLGX 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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