

Balmerol® Licom 2 Premium

Multifunctional High Temperature Grease

Technical Data Sheet

Product Description:

Balmerol Licom 2 Premium is multifunctional high temperature grease formulated with a high dropping point lithium complex soap system and synergistic additives for lubrication upto 160°C under normal to heavy loads, however they can withstand intermittent temperatures upto 180°C. The complex thickener enables it to retain its structure even at high temperatures and high loads, thereby reducing leakage as well as enhanced component life with extension of re-lubrication intervals.

Balmerol Licom 2 Premium has excellent shear stability and good surface adhesion. It is non-ageing and is highly resistant to cold and hot water, heat, dust, rust, corrosion and oxidation.

Applications / Recommendations:

Balmerol Licom 2 Premium is suitable for lubrication of all types of industrial bearings operating under high temperature conditions and heavy loads. It is particularly beneficial in high temperature applications where use of conventional greases calls for frequent re-lubrication. Typical applications include kiln car rollers, hot air fan bearings, electric motor bearings and clutch release bearings in the metallurgical, ceramic, cement and electrical industry. It is highly recommended for sleeve ring application sponge iron kilns and coolers.

Balmerol Licom 2 Premium is also recommended for various Wheel Bearing applications in passenger vehicles, light commercial vehicles and moderate to heavy duty trucks.

Due to superior load bearing capacity, low coefficient of friction, excellent anti-wear properties and better structural stability, Balmerol Licom 2 Premium shows considerably better performance as compared to conventional and non-soap greases for high temperature applications.

Precautions:

Balmerol Licom 2 Premium grease is not compatible with sodium based greases or other conventional greases. Hence, bearings should be thoroughly cleaned before filling Balmerol Licom 2 Premium. Only maximum of two-third of the bearing needs to be filled for optimum lubrication.

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Typical Properties:

Balmerol Licom 2 Premium	
Properties	Typical Value
Colour, Visual	Brownish
Texture, Visual	Smooth, Homogenous & Tacky
Thickener Type	Lithium Complex
Worked Penetration 60/60 strokes @ 25 ± 0.5 °C, ASTM D 217	277
Worked Penetration after 100,000 strokes, ASTM D 217	297 (+20)
Dropping Point °C, ASTM D 566 / ASTM D 2265	280 +
Four Ball Weld Load, Kgs, IP 239	280
Copper Strip Corrosion, Rating, ASTM D 4048	1b
Oil Separation, % by wt, ASTM D 6184	0.8
Water Wash Out, % wt Loss , ASTM D 1264	3

Health and Safety:

Balmerol Licom 2 Premium 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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