

Balmerol[®] Licom 2 Super

Multifunctional High Temperature Grease

Technical Data Sheet

Product Description:

Balmerol Licom 2 Super is a multifunctional, high temperature grease formulated with a high dropping point lithium complex soap system and especially developed synergistic additives for lubrication upto 160°C under normal to heavy loads. The complex soap incorporated in the grease enables it to retain its structure even at high temperatures and high loads. Balmerol Licom 2 Super has excellent shear stability and good surface adhesion. It is non-ageing, highly resistant to cold & hot water, heat, dust, rust, corrosion and oxidation

Features & Benefits:

Balmerol Licom 2 Super provides the following advantages / benefits:

- Excellent performance under heavy, shock loads and high temperature
- Reliable corrosion protection in wet condition which extends equipment life
- Good adhesion properties & superior water resistance
- Reduces lubrication frequency
- Superior performance as compared to conventional and non-soap greases for high temperature applications
- Good pumpability
- Wide operating temperature range, 0 °C to 160°C

Applications / Recommendations:

Balmerol Licom 2 Super is suitable for lubrication of all types of industrial, automotive bearings operating under higher than ambient temperature conditions and heavy loads. 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. Highly recommended for sleeve ring application sponge iron kilns and coolers.

The grease is suitable for various automotive applications operating under heavy and shock loads. They find usage in various mining equipment.

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Typical Properties:

Balmerol Licom 2 Super	
Properties	Licom 2 Super
NLGI Grade	2
Colour	Dark Brown
Texture	Smooth & Homogenous
Thickener Type	Lithium Complex
Base Oil	Mineral
Base oil Viscosity, cst @ 40°C, ASTM D 445	ISO VG 220
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	265 - 295
Penetration, difference after 100000 strokes , Units , ASTM D 217	< 25
Dropping Point °C, ASTM D 566	> 260
Four Ball Weld Load, Kg, IP 239	280
Water Wash Out, % Loss @ 80°C max, ASTM D 1264	< 5
Emcor Rust Protection Test, IP 220	0,0
Oxidation Stability, Pressure drop kg/ cm ² fter 100 hrs @ 99oC max, ASTM D 942	0.4

Health and Safety:

Balmerol Licom 2 Super 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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