

# Balmerol<sup>®</sup> Licom EP

Lithium Complex Grease

Product Data Sheet

## Product Description

BALMEROL LICOM EP Grease is a multifunctional high temperature grease formulated with a high dropping point lithium complex soap system and specially developed synergistic additives for lubrication up to 160°C under normal to heavy loads. The complex soap incorporated in the greases enables it to retain its structure even at high temperatures and high loads, thereby reducing leakage and enhancing component life with extension of relubrication intervals. BALMEROL LICOM EP 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

BALMEROL LICOM EP Grease is suitable for lubrication of all types of industrial bearings operating under higher than ambient temperature conditions under heavy loads. It is particularly beneficial in high temperature applications where use of conventional greases calls for frequent relubrication. 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.

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

## Availability

BALMEROL LICOM EP Grease is normally available in drum and pail.

## Typical Data

BALMEROL Licom EP (Lithium Complex Grease)				
No	Characteristics	Method	Specification	
			NLGI 2	NLGI 3
1	Texture	Visual	Smooth & Homogenous	
2	Colour	Visual	Red	
3	Type of thickener	--	Lithium Complex	
4	Worked penetration 60 strokes @ 25°C, 1/10 mm	ASTM D 217	270	235
5	Dropping Point, Deg C	ASTM D 566	300	
6	Four ball weld load, kgs	ASTM D 2596	315	
7	Four ball scar diameter, mm	ASTM D 2266	0.45	
8	Copper Strip Corrosion	ASTM D 4048	1b	

## Health and Safety

BALMEROL LICOM EP Grease is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.

For further information, contact:

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