

Balmerol® Licom EP3

Lithium Complex Grease
Sheet

Product Data

Product Description

Balmerol Licom EP3 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 170 °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 EP3 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 EP3 is suitable for lubrication of all types of industrial and automotive 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 wheel bearings of light and heavy commercial vehicles (trucks and buses), kiln car rollers, hot air fan bearings and clutch release bearings in the metallurgical, ceramic, cement, electrical and automotive industry.

Due to superior load bearing capacity, low coefficient of friction, excellent anti wear properties and better structural stability, Balmerol Licom EP3 shows considerably better performance as compared to conventional and non-soap greases for high temperature applications.

Availability

Balmerol Licom EP3 is available in 180 kg, 18 kg, 15 kg and 450 gr packing.

Technical Data

BALMEROL Licom EP3			
No	Characteristics	Method	Specification
1	Texture	Visual	Smooth & Homogenous
2	Thickener Type	--	Lithium Complex
3	Base Oil	--	Mineral
4	Kinematic Viscosity of Base Oil @ 40°C, cSt	ASTM D-445	220
5	NLGI Grade	NLGI	3
6	Worked penetration 60 strokes @ 25°C, 1/10 mm	ASTM D-217	220 – 250
7	Dropping Point, °C	ASTM D-566	260 min
8	Four ball weld load, Kg	IP 239	315min
9	Four ball scar diameter, mm	ASTM D-2266	0.5 max

Health and Safety

Balmerol Licom EP3 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 further information, contact:

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