

Always Smooth, Always Ahead

BALMEROL LICOM GREASES

(Multifunctional High Temperature Grease)

PRODUCT DESCRIPTION

BALMEROL LICOM Greases are multifunctional high temperature greases 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 Greases has excellent shear stability and good surface adhesion. They are non-ageing and are highly resistant to cold and hot water, heat, dust, rust, corrosion and oxidation.

BALMEROL LICOM Greases are available in NLGI No. 00, 0, 1, 2 and No. 3 consistencies.

TYPICAL APPLICATIONS

BALMEROL LICOM Greases are 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 antiwear properties and better structural stability, **BALMEROL LICOM Greases** shows considerably better performance as compared to conventional and non-soap greases for high temperature applications.

REMARKS

BALMEROL LICOM Greases are not compatible with sodium based greases or other conventional greases. Hence, bearings should be thoroughly cleaned before filling **BALMEROL LICOM Greases**. Only two-thirds of the bearings need to be filled for optimum lubrication.

AVAILABILITY

BALMEROL LICOM Greases grease are available in 180 kg drums and 15 kg pail packing



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PHYSICO CHEMICAL DATA

	CHARACTERISTICS	SPECIFICATION			<u>Test Method</u>
		<u>LICOM-1</u>	<u>LICOM-2</u>	<u>LICOM-3</u>	
1	Colour	Brown to dark brown			Visual
2	Texture	Smooth & Homogenous			Visual
3	Type of thickener	Lithium complex soap			--
4	NLGI Grade	1	2	3	NLGI
5	Worked penetration, 60strokes @25°C	310-340	265-295	220 - 250	ASTM D 217
6	Dropping point, °C	260 min			ASTM D 2265
7	Four Ball Weld Load, kg.	300 min			IP 239
8	Four Ball scar diameter, mm.	0.9 max			ASTM D 2266

