

# Balmerol® Lipler HDX 460

Lithium Complex Grease

Product Data Sheet

## Product Description

BALMEROL LIPLER HDX 460 is a premium grade, high performance, high temperature, highly adherent grease, specially formulated for slow moving, heavily loaded bearing under heavy loads, shock loads and vibration. BALMEROL LIPLER HDX 460 is specially formulated using high viscosity mineral oil and lithium complex soap, carefully selected solid lubricants and synergistic blend of additives best suited for lubrication of slow moving heavy duty bearing found in mining and steel industries.

BALMEROL LIPLER HDX 460 has excellent water repellent properties and resists entry of water into the bearing and ensures protection against hostile environment. The grease retains its consistency under severe condition of load and water ingress resulting in lower consumption levels. The grease provides excellent high temperatures, anti-corrosion and anti-oxidation performance. It also contains premium solid lubricant to provide protection against shock load.

## Applications

BALMEROL LIPLER HDX 460 may be used for lubrication of heavy duty, slow moving bearing under heavy loads, shock loads and vibration, used in mining operation and steel industries.

## Availability

BALMEROL LIPLER HDX 460 Grease is normally available in drum and pail.

## Typical Data

BALMEROL Lipler HDX 460 (Lithium Complex Grease)			
No	Characteristics	Method	Specification
1	Colour	Visual	Gray Black
2	Texture	Visual	Smooth & Homogenous
3	Type of thickener	--	Lithium Complex
4	Worked penetration 60 strokes @ 25°C, 1/10 mm	ASTM D 217	270
5	Dropping Point, Deg C	ASTM D 566	290
6	Four ball weld load, kgs	ASTM D 2596	620
7	Four ball scar diameter, mm	ASTM D 2266	0.45
8	Moly sulfide content, % by wt	ASTM D 128	3
9	Copper Strip Corrosion	ASTM D 4048	1b

## Health and Safety

BALMEROL LIPLER HDX 460 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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