



# TECHNICAL DATA

## **GB UNIGREASE® LXHVM 2**

GB UNIGREASE® LXHVM 2 is a premium heavy duty Lithium Complex grease for lubricating all anti-friction and plain bearings, operating under high load and/or high temperature conditions found in such industries as steel works, quarries, animal feed pelletisers, heavy plant machinery, dock side, off shore, fishing etc. It is fortified with molybdenum disulphide and uses the latest extreme pressure, anti-wear, anti-oxidant and corrosion-inhibiting technology to give exceptional performance, providing extended component life, especially under arduous conditions and at high operating temperatures. This highly adhesive grease also provides excellent sealing properties against ingress of moisture, dirt and dust, resulting in extended component life.

## **COST SAVING BENEFITS**

- Exceptional mechanical stability extends relubrication intervals
- Excellent oxidation stability provides lasting lubrication at high temperatures
- Excellent load-bearing properties and anti-wear performance
- Good corrosion resistance protects components operating in wet and arduous conditions
- Based on high viscosity mineral oil giving extreme film strength at low speeds and excellent sealing properties to reduce damage caused by ingress of dirt and dust
- High level of molybdenum disulphide, offering excellent protection against vibration, shock and high loads

## **METHOD OF APPLICATION**

GB UNIGREASE® LXHVM 2 can be applied by hand, or by using a standard grease gun. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and only to apply the quantity of grease recommended by the bearing manufacturer.

## **TYPICAL PHYSICAL CHARACTERISTICS**

Appearance	-	Grey/Black tacky grease
NLGI classification	-	2
Thickener	-	Lithium Complex
Base oil	-	Mineral oil
Base Oil viscosity @ 40°C (ASTM D445)	-	460 cSt
Dropping point (ASTM D2265)	-	260°C min
Copper corrosion (ASTM D4048)	-	1a
Water washout @ 79°C (ASTM D1264)	-	2.8%
Solids Content	-	6%

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## **GB LUBRICANTS**

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## GB UNIGREASE® LXHVM 2

Four Ball Weld Load (IP 239)	-	450 kgf
Four Ball Wear Scar (IP239) mm	-	0.45
Operating Temperature Range	-	-30°C to +150°C

### **STORAGE AND HANDLING**

GB UNIGREASE® LXHVM 2 should be stored under cover to avoid water collecting in the rim of upturned pails. Ideal storage temperature between 0°C and 25°C, away from moisture and direct sources of heat or sunlight.

Further information on GB UNIGREASE® LXHVM 2 can be obtained by referring to the corresponding Safety Data Sheet.

***The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.***

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