



# TECHNICAL DATA

## **GB UNIGREASE® LXHV2**

GB UNIGREASE® LXHV2 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 using the latest technology including extreme pressure, anti-wear, anti-oxidant and corrosion-inhibiting additives 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

## **METHOD OF APPLICATION**

GB UNIGREASE® LXHV2 can be applied by hand, or by using a standard grease gun (400gm cartridges available). 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	-	Brown 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
Copper corrosion (ASTM D4048)	-	1a
Resistance to corrosion Emscor (ASTM D6138)	-	0:0
Four Ball Weld Load (IP 239)	-	500 kgf
Operating Temperature Range	-	-30°C to +150°C

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## **GB LUBRICANTS**

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**STORAGE AND HANDLING**

GB UNIGREASE® LXHV2 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® LXHV2 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.***