



# TECHNICAL DATA

## **GB UNIGREASE® LEP1**

### **APPLICATIONS**

GB UNIGREASE® LEP1 is a premium quality multi-purpose lithium grease, incorporating extreme-pressure additives for use in all plain and anti-friction bearings subjected to high load conditions.

### **PERFORMANCE FEATURES**

GB UNIGREASE® LEP1 is formulated for use in many applications including agricultural, automotive, construction, commercial, forestry and industrial, and offers the following features:

- Mechanical stability
- Oxidation stability
- Load-carrying properties
- Resistance to shock loads
- Anti-wear performance
- Corrosion protection
- Excellent pumpability

### **METHOD OF APPLICATION**

GB UNIGREASE® LEP1 can be applied manually, or by using a standard grease gun (400gm cartridges available), or via a centralised lubrication system designed for and capable of pumping an NLGI No 1 grease; consult a qualified centralised lubrication systems engineer before installation. 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.

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## **GB LUBRICANTS**

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Trading Name of Goodall Bates & Todd Ltd



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# GB LUBRICANTS

**TYPICAL PHYSICAL CHARACTERISTICS**

Appearance	-	Smooth brown grease
NLGI Classification	-	1
Thickener	-	Lithium
Base Oil	-	Mineral oil, 150 cSt
Dropping point (ASTM D2265)	-	>180°C
Water washout @ 79°C (ASTM D1264)	-	8
Copper corrosion (ASTM D4048)	-	1b
Resistance to corrosion Emcor (ASTM D6138)	-	0:0
Four Ball Weld Load (IP 239)	-	280 kgf
Operating Temperature Range	-	-30°C to +140°C

**STORAGE AND HANDLING**

GB UNIGREASE® LEP1 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® LEP1 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.***