



# TECHNICAL DATA

## **GB UNIGREASE® L5W**

### **APPLICATIONS**

GB UNIGREASE® L5W is a premium quality, lithium thickened grease fortified with special additives including extreme-pressure (EP), anti-wear, anti-oxidation and corrosion inhibitors which are designed to reduce wear, improve grease performance and extend component life in dry dusty, wet and shock loaded conditions. The inclusion of graphite offers extra protection against vibration, impact and high loads. GB UNIGREASE® L5W has been designed for the lubrication of pins and bushes on heavy earth-moving equipment, and also finds use as a fifth wheel grease.

NB: Due to the high lubricating solids content, GB UNIGREASE® L5W is not recommended for use on anti-friction bearings.

### **PERFORMANCE FEATURES**

GB UNIGREASE® L5W has been formulated for use in a number of heavy-duty applications and offers the following features:

- Adhesive properties
- Excellent mechanical stability extends relubrication intervals and reduces lubrication costs
- Excellent load bearing properties and anti-wear performance helps prolong component life
- Excellent water washout resistance
- Good rust and corrosion protection

### **METHOD OF APPLICATION**

GB UNIGREASE® L5W can be applied manually. As with all greases used for the first time, check compatibility with the grease applied previously and, if necessary, purge equipment prior to application.

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## **GB LUBRICANTS**

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Trading Name of Goodall Bates & Todd Ltd



# GB LUBRICANTS

**TYPICAL PHYSICAL CHARACTERISTICS**

Appearance	-	Adhesive Grey/black grease
NLGI Classification	-	2/3
Thickener	-	Lithium
Base Oil	-	Mineral oil
Base Oil viscosity @ 40°C (ASTM D445)	-	150 cSt
Worked Penetration (ASTM D217)	-	250-295 dmm
Dropping point (ASTM D2265)	-	180°C min
Copper corrosion (ASTM D4048)	-	1b
Resistance to corrosion Emcor (ASTM D6138)	-	0:0
Four Ball Weld Load (IP 239)	-	500 kgf
Graphite content	-	15%
Operating Temperature Range	-	-30°C to +140°C

**STORAGE AND HANDLING**

GB UNIGREASE® L5W 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® L5W 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.***