



# TECHNICAL DATA

## GB UNIGREASE® 1731

GB UNIGREASE® 1731 is a semi-fluid wire-rope lubricant designed to meet the lubrication and corrosion prevention requirements of wire ropes working under all conditions. Typical application areas are dockside and ship crane ropes, drag lines, hoists and mobile cranes. GB UNIGREASE® 1731 will penetrate between the rope strands to provide integral lubrication and to provide both internal and external protection against corrosion caused by wet, adverse weather conditions and sea water.

## COST SAVING BENEFITS

- Provides excellent internal and external protection, extending rope service life
- Addition of solid lubricant, reducing wear between the strands of the rope
- Water-repellant film ensuring long film life and extending re-lubrication intervals
- Thin film, eliminating fling-off and preventing the collection of abrasive particles
- Ropes are clean to handle and allow easy inspection
- Extensive covering power, resulting in economic usage

## METHOD OF APPLICATION

Apply sparingly by brush; do not over apply. (1kg is sufficient to lubricate 50m of 25mm dia rope). When the rope is in use, the capillary action of the lubricant will ensure full penetration to the core of the rope. Use straight from the container, even in cold weather. For best results, GB UNIGREASE® 1731 should be applied to clean ropes to ensure complete penetration. (Should it not be possible to clean the ropes of previous lubricant, then apply GB UNIGREASE® 1731 on top of the previous lubricant to soften it, work the rope for one week, then make a further application.)

## TYPICAL PHYSICAL CHARACTERISTICS

|                              |   |                                       |
|------------------------------|---|---------------------------------------|
| Appearance                   | - | Dark Grey fluid grease                |
| NLGI Classification          | - | 00                                    |
| Thickener                    | - | Lithium                               |
| Base Oil                     | - | Mineral oil, 150 cSt                  |
| Total solids content         | - | 3% Molybdenum disulphide and graphite |
| Four Ball Weld Load (IP 239) | - | 315 kgf                               |
| Operating Temperature Range  | - | -40°C to +140°C                       |

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## **GB LUBRICANTS**

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**STORAGE AND HANDLING**

GB UNIGREASE® 1731 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® 1731 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.***