



TECHNICAL DATA

GB UNIGREASE® LEP2M3

APPLICATIONS

GB UNIGREASE® LEP2M3 is a premium quality multi-purpose lithium grease, incorporating extreme-pressure, anti-wear, anti-oxidation and corrosion inhibiting additives, for use in all plain and anti-friction bearings subjected to high load conditions. This grease is designed to reduce wear and extend component life in dry, dusty, wet and shock loaded conditions. The inclusion of molybdenum disulphide and graphite solid lubricants offers extra protection against vibration, shock and high loads.

PERFORMANCE FEATURES

GB UNIGREASE® LEP2M3 is formulated for use in demanding applications in various industries and offers the following features:

- Mechanical stability
- Load-carrying properties
- Anti-wear performance
- Corrosion protection
- Solid lubricants for additional protection against vibration and shock loading

METHOD OF APPLICATION

GB UNIGREASE® LEP2M3 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 2 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.

TYPICAL PHYSICAL CHARACTERISTICS

| | |
|---------------------------------------|----------------------------|
| Appearance | - Grey/black smooth grease |
| NLGI Classification | - 2 |
| Thickener | - Lithium |
| Base Oil | - Mineral oil |
| Base Oil viscosity @ 40°C (ASTM D445) | - 150 cSt |
| Dropping point (ASTM D2265) | - >180°C |

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| | | |
|--|---|-----------------|
| Copper corrosion (ASTM D4048) | - | 1a |
| Resistance to corrosion Emcor (ASTM D6138) | - | 0:0 |
| Four Ball Weld Load (IP 239) | - | 315 kgf |
| Solids content | - | 3% |
| Operating Temperature Range | - | -30°C to +150°C |

STORAGE AND HANDLING

GB UNIGREASE® LEP2M3 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® LEP2M3 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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