



TECHNICAL DATA

GB UNIGREASE® LEP2M1

APPLICATIONS

GB UNIGREASE® LEP2M1 is a premium quality extreme-pressure multi-purpose lithium grease, incorporating molybdenum disulphide and graphite solid lubricants, for use in all plain and anti-friction bearings subjected to high load conditions. This grease offers extra protection against vibration, impact and high loads, and can extend component life in dry dusty, wet and shock loaded conditions.

PERFORMANCE FEATURES

GB UNIGREASE® LEP2M1 is formulated for use in demanding applications in many industries and offers the following features:

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

METHOD OF APPLICATION

GB UNIGREASE® LEP2M1 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
Water washout @ 79°C (ASTM D1264)	-	4.9

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Copper corrosion (ASTM D4048)	-	1b
Resistance to corrosion Emcor (ASTM D6138)	-	0:0
Four Ball Weld Load (IP 239)	-	355 kgf
Solids content	-	1%
Operating Temperature Range	-	-30°C to +140°C

STORAGE AND HANDLING

GB UNIGREASE® LEP2M1 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® LEP2M1 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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