



TECHNICAL DATA

GB UNIGREASE® LEP000

APPLICATIONS

GB UNIGREASE® LEP000 is a premium quality semi-fluid lithium grease, incorporating extreme-pressure additives, designed for centralised lubrication systems and for use in plain and anti-friction bearings subjected to high load conditions. It can also be used for gearboxes designed to operate with a semi-fluid slumping grease.

PERFORMANCE FEATURES

GB UNIGREASE® LEP000 is formulated for use in 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
- Pumpability
- Anti-wear performance
- Corrosion protection

METHOD OF APPLICATION

GB UNIGREASE® LEP000 can be applied manually, or via a centralised lubrication system capable of pumping an NLGI No 000 grease. 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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GB LUBRICANTS

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	-	Smooth semi-fluid brown grease
NLGI Classification	-	000
Thickener	-	Lithium
Base Oil	-	Mineral oil
Base Oil viscosity @ 40°C (ASTM D445)	-	150 cSt
Dropping point (ASTM D2265)	-	>180°C
Copper corrosion (ASTM D4048)	-	1a
Four Ball Weld Load (IP 239)	-	280 kgf
Operating Temperature Range	-	-40°C to +120°C

STORAGE AND HANDLING

GB UNIGREASE® LEP000 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® LEP000 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.