



TECHNICAL DATA

GB UNIGREASE® LXEP1

APPLICATIONS

GB UNIGREASE® LXEP1 is a premium quality, high performance, multi-purpose grease manufactured using mineral oil and a lithium complex thickener. Extreme pressure (EP), anti-wear, anti-oxidation and corrosion inhibiting additives reduce wear, improve grease performance and extend component life in dry dusty, wet and shock loaded conditions.

GB UNIGREASE® LXEP1 has been designed for the lubrication of standard and heavy duty anti-friction roller and plain bearings operating in normal and more demanding applications experienced in many industries such as agricultural, automotive, construction, commercial, forestry, industrial and marine applications.

PERFORMANCE FEATURES

GB UNIGREASE® LXEP1 is formulated as a multi-purpose grease for use in all industries and offers the following features:

- Excellent mechanical stability extends relubrication and prolongs component life
- Excellent oxidation and thermal stability
- Load-carrying properties, withstands heavy shock loads
- Excellent anti-wear performance
- Excellent corrosion protection
- Good resistance to ingress of dirt and moisture
- Adhesive properties
- Wide operating temperature range
- Red colour for identification

METHOD OF APPLICATION

GB UNIGREASE® LXEP1 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 1 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 equipment manufacturer.

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GB LUBRICANTS

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	-	Red adhesive grease
NLGI Classification	-	1
Thickener	-	Lithium Complex
Base Oil	-	Mineral oil
Base Oil viscosity @ 40°C (ASTM D445)	-	150 cSt
Dropping point (ASTM D2265)	-	>260°C
Copper corrosion (ASTM D4048)	-	1a
Four Ball Weld Load (IP 239)	-	450 kgf
Operating Temperature Range	-	-40°C to +150°C

STORAGE AND HANDLING

GB UNIGREASE® LXEP1 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® LXEP1 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.