



TECHNICAL DATA

GB UNIGREASE® LXEP3

APPLICATIONS

GB UNIGREASE® LXEP3 is a premium quality multi-purpose lithium complex grease, for the lubrication of standard and heavy-duty plain and anti-friction bearings operating in normal and more demanding applications experienced in many industries. This extreme pressure (EP) grease is designed to reduce wear, improve grease performance and extend component life in dry dusty, wet and shock loaded conditions.

PERFORMANCE FEATURES

GB UNIGREASE® LXEP3 is formulated as a multi-purpose grease for use in all industries and offers the following features:

- Load-carrying properties, withstands heavy shock loads
- Excellent anti-wear performance
- Excellent corrosion protection
- Excellent oxidation and thermal stability
- Mechanical stability extends relubrication and helps prolong component life
- Good sealing properties, reducing damage caused by ingress of dirt and moisture
- Blue colour for identification

METHOD OF APPLICATION

GB UNIGREASE® LXEP3 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 3 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.

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TYPICAL PHYSICAL CHARACTERISTICS

Appearance	-	Blue smooth grease
NLGI Classification	-	3
Thickener	-	Lithium Complex
Base Oil	-	Mineral oil
Base Oil viscosity @ 40°C (ASTM D445)	-	220 cSt
Dropping point (ASTM D2265)	-	>260°C
Water washout @ 79°C (ASTM D1264)	-	3%
Copper corrosion (ASTM D4048)	-	1a
Four Ball Weld Load (IP 239)	-	250 kgf
Operating Temperature Range	-	-30°C to +150°C

STORAGE AND HANDLING

GB UNIGREASE® LXEP3 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® LXEP3 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.