



TECHNICAL DATA

GB UNIGREASE® LEP3

APPLICATIONS

GB UNIGREASE® LEP3 is a premium quality NLGI 3 multi-purpose lithium grease, incorporating extreme-pressure additives for use in all plain and anti-friction bearings. The nature of this grease also makes it suitable for applications with larger diameter bearings.

PERFORMANCE FEATURES

GB UNIGREASE® LEP3 is formulated for use in many applications across a variety of industries where extreme-pressure performance is required and offers the following features:

- Mechanical stability
- Oxidation stability
- Excellent extreme pressure performance
- Anti-wear performance
- Corrosion protection

METHOD OF APPLICATION

GB UNIGREASE® LEP3 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.

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	- Dark Brown smooth grease
NLGI Classification	- 3
Thickener	- Lithium
Base Oil	- Mineral oil, 150 cSt
Dropping point (ASTM D2265)	- >180°C
Water washout @ 79°C (ASTM D1264)	- 6
Copper corrosion (ASTM D4048)	- 1a
Resistance to corrosion Emscor (ASTM D6138)	- 0:0
Four Ball Weld Load (IP 239)	- 280 kgf
Operating Temperature Range	- -30°C to +140°C

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STORAGE AND HANDLING

GB UNIGREASE® LEP3 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® LEP3 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.