



TECHNICAL DATA

GB UNIGREASE® L3

APPLICATIONS

GB UNIGREASE® L3 is a premium quality multi-purpose lithium grease for use in plain and anti-friction bearings, including rolling-stock axle block bearings.

PERFORMANCE FEATURES

GB UNIGREASE® L3 is formulated for use in industrial and automotive applications and offers the following features:

- Mechanical stability
- Corrosion protection
- Sealing properties

METHOD OF APPLICATION

GB UNIGREASE® L3 can be applied manually. As with all grease 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.

PERFORMANCE DETAILS

GB UNIGREASE® L3 may be used where the British Rail Standard BR673 is referenced.

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	-	Smooth light brown grease
NLGI Classification	-	3
Thickener	-	Lithium
Base Oil	-	Mineral oil
Base Oil viscosity @ 40°C (ASTM D445)	-	100 cSt
Worked penetration (ASTM D217)	-	220-250 dmm
Dropping point (ASTM D2265)	-	180°C min
Copper corrosion (ASTM D4048)	-	1a
Resistance to corrosion Emcor (ASTM D6138)	-	0:0
Operating Temperature Range	-	-30°C to +140°C

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GB LUBRICANTS

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STORAGE AND HANDLING

GB UNIGREASE® L3 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® L3 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.