



TECHNICAL DATA

GB UNIGREASE® BHF

APPLICATIONS

GB UNIGREASE® BHF is a premium quality grease, based on semi-synthetic base oil and incorporating a high-temperature thickener containing a high level of graphite to extend lubrication periods. It is designed for hydraulic hammer lubrication and pin and bush type applications, on large earth-moving and general off-road heavy plant machinery. It can also be used for lubricating open gears.

PERFORMANCE FEATURES

GB UNIGREASE® BHF is formulated with the addition of laminar lubricating solids and offers the following features:

- Mechanical stability
- Oxidation stability
- Thermal stability
- Load-carrying properties
- Resistance to shock loads
- Water resistance
- Adhesive properties
- Sealing properties
- Wide operating temperature range

METHOD OF APPLICATION

GB UNIGREASE® BHF can be applied manually, or by using a standard grease gun (400gm cartridges available). 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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Q 06093
ISO 9001



EMS 72776
ISO 14001



OHS 88475
OHSAS 18001

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CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
Appearance	-	-	Smooth adhesive grease
Colour	-	-	Black
NLGI Classification			2/3
Thickener	-	-	Bentone
Base Oil	-	-	Semi-synthetic
Base Oil Viscosity @ 40°C	cSt	IP 71	1000
Oil Separation	%	IP 121	2
Worked Penetration	-	IP 50	230 to 260
Dropping Point	°C	IP 132	260 min
Water Washout		ASTM D 1264	
@ 38°C	%	-	2
@ 79°C	%	-	5
Four Ball Weld Load	kgs	IP 239	500
Graphite content	%	-	10
Operating Temperature Range	-	-	-5°C to +150°C

STORAGE AND HANDLING

GB UNIGREASE® BHF should be stored under cover to avoid water collecting in the rim of upturned barrels.

HEALTH, SAFETY AND THE ENVIRONMENT

GB UNIGREASE® BHF is not classified as hazardous under current UK Health & Safety and Environmental Legislation when used in the application for which it is intended.

For guidance on storage and handling of all lubricants and related products, GB Lubricants recommend the Environment Agency, www.environment-agency.gov.uk, as an excellent source of advice.

If you have any queries, please do not hesitate to contact either your local Technical Sales Representative or our Technical Department.

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 and specifications, without prior notice.