



TECHNICAL DATA

GB UNIGREASE® 1733

GB UNIGREASE® 1733 is a semi-fluid aluminium-complex, water resistant grease incorporating solid lubricants, polymers, extreme pressure additives, and a blend of antioxidants and corrosion inhibitors, combining to provide highly effective lubrication with excellent corrosion protection. GB UNIGREASE® 1733 has been specially developed to lubricate all types of open gears, including spur, helical, worm and bevel drive gears, as well as steel tyres and supporting rollers that are subjected to extreme loads at high working temperatures. These conditions are found in equipment such as kilns and ball mills used in the continuous process industries. GB UNIGREASE® 1733 also finds use in marine applications where the presence of water can affect lubricating performance and be detrimental to the protection of parts from corrosion. This highly adhesive product is bitumen-free and stays in place in the harshest of environments.

GB UNIGREASE® 1733 has passed industrial testing and deemed suitable for use on open gears of ball mills and classifiers of a Lincoln ore processing plant.

COST SAVING BENEFITS

- Easy to apply with standard spray equipment suitable for pumping and spraying fluid greases
- Lasting thin, almost dry film which does not collect dust and dirt
- Thin film which does not drip and therefore maintains contamination free surrounding area
- Excellent resistance to oxidation, with superior corrosion prevention properties
- Outstanding resistance to water spray
- Fortified with graphite for increased protection in loaded heavy duty plain bearings and slides.

METHOD OF APPLICATION

GB UNIGREASE® 1733 is formulated to enable economic application by automatic spray systems (pressure 60 psi). However, it can also be applied manually by brush if necessary. It is not necessary for equipment to be treated to be free of water, as the dewatering characteristics of GB UNIGREASE® 1733 enable it to be applied to wet surfaces

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GB LUBRICANTS

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GB LUBRICANTS

TYPICAL PHYSICAL PROPERTIES

Appearance	-	Black fluid adhesive grease
NLGI Classification	-	0
Thickener	-	Aluminium Complex soap
Base Oil	-	Semi-synthetic
Base Oil viscosity @ 40°C (ASTM D445)	-	460 cSt
Dropping point (ASTM D2265)	-	>190°C
Solid Lubricant	-	Micronised graphite
Solids Content	-	10%
Four Ball Weld Load (IP239)	-	620 kgf
Operating Temperature Range	-	-40°C to +150°C

STORAGE AND HANDLING

GB UNIGREASE® 1733 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® 1733 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.