



TECHNICAL DATA

GB UNIGREASE® CW5

APPLICATIONS

GB UNIGREASE® CW5 is a calcium thickened grease fortified with special lubricating additives including extreme-pressure (EP), anti-wear, anti-oxidation and corrosion inhibitors which are designed to reduce wear, improve grease performance and extend component life in dusty, and wet conditions. Developed as a fifth wheel grease, this product has a high level of graphite lubricating solids which offers extra protection against heavy and shock loads substantially extending the life of the fifth wheel, trailer slides and locating pins. Being resistant to water wash off helps extend the life of the application whilst protecting components from corrosion.

NB: Due to the high lubricating solids content, GB UNIGREASE® CW5 is not recommended for use on anti-friction bearings.

PERFORMANCE FEATURES

GB UNIGREASE® CW5 has been formulated for use as a fifth wheel grease and offers the following features:

- Adhesive properties
- Excellent mechanical stability extends relubrication intervals and reduces lubrication costs
- Excellent load bearing properties and anti-wear performance helps component life
- Excellent water washout performance
- Good corrosion protection
- High solids content provides increased protection in loaded applications

METHOD OF APPLICATION

GB UNIGREASE® CW5 can be applied manually. As with all greases used for the first time, check compatibility with the grease applied previously and, if necessary, clean or purge equipment prior to application.

GB UNIGREASE® CW5 is compatible with GB UNIGREASE® L5W.

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GB LUBRICANTS

Albany Road Gateshead NE8 3BP

Tel: 0191 490 4312

Fax: 0191 477 9544

e-mail: gblsales@gblubricants.co.uk

www.gblubricants.co.uk

Trading Name of Goodall Bates & Todd Ltd



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TYPICAL PHYSICAL CHARACTERISTICS

Appearance	-	Adhesive grey/black grease
NLGI Classification	-	2
Thickener	-	Calcium
Base Oil	-	Mineral oil
Base Oil viscosity @ 40°C (ASTM D445)	-	680 cSt
Dropping point (ASTM D2265)	-	>140°C
Water washout @ 79°C (ASTM D1264)	-	2.7%
Water spray-off (ASTM D4049)	-	15%
Roll stability (ASTM D1831)	-	+30 dmm
Copper corrosion (ASTM D4048)	-	1a
Corrosion (ASTM D1743)	-	Pass
Graphite Content	-	15%
Four Ball Weld Load (IP 239)	-	500 kgf
Four Ball Wear Scar (IP239)	-	0.53 mm
Operating Temperature Range	-	-20°C to +120°C

STORAGE AND HANDLING

GB UNIGREASE® CW5 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® CW5 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