



TECHNICAL DATA

GB UNIGREASE® L5W

APPLICATIONS

GB UNIGREASE® L5W is a tenacious grease for use in heavy-duty applications where adhesion, shock loading and good corrosion protection are needed. It has been proven ideal for use on bucket pins and bushes on heavy earth-moving equipment and crane slews, and also as an assembly and running-in compound. The presence of graphite will fill surfaces and distribute load evenly preventing further wear, making this product particularly suitable for extending the life of worn components.

NB: Due to the high lubricating solids content, GB UNIGREASE® L5W is not recommended for use on anti-friction bearings.

PERFORMANCE FEATURES

GB UNIGREASE® L5W has been formulated for use in a number of heavy-duty applications and offers the following features:

- Adhesive properties
- Load-carrying properties
- Resistance to shock loads
- Anti-wear performance
- Water resistance
- Corrosion protection
- Wide operating temperature range

METHOD OF APPLICATION

GB UNIGREASE® L5W can be applied manually. As with all greases used for the first time, check compatibility with the grease applied previously and, if necessary, purge equipment prior to application.

Cont'd.../...

GB LUBRICANTS

Albany Road Gateshead NE8 3BP

Tel: 0191 490 4312

Fax: 0191 477 9544

e-mail: gblsales@gb-lubricants-fuels.co.uk

www.gb-lubricants-fuels.co.uk

A division of Goodall Bates & Todd Ltd



Q 06093
ISO 9001



EMS 72776
ISO 14001



OHS 88475
OHSAS 18001

GB LUBRICANTS

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
Appearance	-	-	Smooth adhesive grease
Colour	-	-	Grey/Black
NLGI Classification	-	-	2 (wide)
Thickener	-	-	Lithium soap
Base Oil	-	-	Mineral oil
Base Oil Viscosity @ 40°C	cSt	IP 71	180
Worked Penetration	-	IP 50	250 to 295
Dropping Point	°C	ASTM D 2265	175 min
Oil Separation	%	IP 121	5 max
Copper Corrosion	-	IP 112	Pass
Resistance to Corrosion (Emcor)	-	IP 220	0:0
Timken OK Load	lbs	IP 326	45
Four Ball Weld Load	kgs	IP 239	700
Total MoS ₂ and Graphite content	%	-	16
Operating Temperature Range	-	-	-20°C to +140°C

STORAGE AND HANDLING

GB UNIGREASE® L5W should be stored under cover to avoid water collecting in the rim of upturned barrels.

HEALTH, SAFETY AND THE ENVIRONMENT

GB UNIGREASE® L5W 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.