

Product Data Sheet

Calcium Graphite 25

A heavy duty grease formulated from high quality mineral oil, calcium soap based and graphite in order to implement barrier protection and lubrication to prevent machine seizure.

Features

- High level of lubricating solids to keep working surfaces apart and extend component life
- Fully water resistant, extending component and lubricant life
- Adhesion improvers provide increased lasting protection

Application

Calcium Graphite 25 can be applied manually, or by using a standard grease gun (400gm cartridges available), or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease; consult a qualified centralised lubrication systems engineer before installation. Not recommended for use on anti-friction bearings.

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 apply the quantity of grease recommended by the bearing manufacturer.

Properties	Specification	Results
Appearance	-	Smooth grease
Colour	-	Grey/Black
NLGI classification	-	2/3
Thickener	-	Lithium soap
Base oil	-	Blend mineral oils
Worked penetration	IP50	265-295
Dropping point (°C)	IP132	175 min.
Oil separation (%)	IP121	5 max.
Copper corrosion	IP112	Pass
Resistance to corrosion Emcor (a)	IP 220	0:0
Water washout @ 39°C %	ASTM D1264	3
Four Ball Weld Load (kgs)	IP 239	700
Operating temperature range	-	-20°C to 140°C
Solids %	-	16

The information above is believed to be accurate and given in good faith but without warranty.

It is the users responsibility to determine the suitability of the product. (Feb 2014)