

Product Data Sheet

Lithium EP 000

A premium quality, heavy duty grease designed for centralised lubrication systems. Specially developed semi-fluid slumping grease with heavy duty applications in mind such as HGV's and coaches, the Lithium EP 000 formulation is suitable for anti-friction and plain bearings subjected to high load conditions.

Features

- Superior mechanical stability to extend re-lubrication intervals
- Excellent oxidation stability provides lasting lubrication at high temperatures
- Excellent EP and anti-wear performance
- Strong corrosion resistance to protect components operating in wet conditions.

Application

Lithium EP 000 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.

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	-	Dark Brown
NLGI classification	-	000
Thickener	-	Lithium soap
Base oil	-	Blend mineral oils
Worked penetration	IP50	445-475
Dropping point (°C)	IP132	185 min.
Oil separation (%)	IP121	N/A
Copper corrosion	IP112	Pass
Resistance to corrosion Emcor (a)	IP 220	0:0
Water washout @ 39°C %	ASTM D1264	N/A
Four Ball Weld Load (kgs)	IP 239	315
Operating temperature range	-	-30°C to 110°C

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)