

Product Data Sheet

Lithium EP1

A premium quality multi-purpose grease for use in all anti-friction and plain bearings subjected to high load conditions. Used extensively for applications throughout industry and the automotive sector and centralised lubricating systems where pumping over long distances is required.

Features

- Excellent extreme pressure and anti-wear performance
- High degree of corrosion protection
- Highly versatile multi-purpose grease
- Excellent pumpability properties

Application

Lithium EP1 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	-	1
Thickener	-	Lithium soap
Base oil	-	Blended mineral oils
Worked penetration	IP50	310-340
Dropping point (°C)	IP132	185 min
Oil separation (%)	IP121	7 max
Copper corrosion	IP112	Pass
Resistance to corrosion Emcor (a)	IP 220	0:0
Water washout @ 39°C %	ASTM D1264	5
Four Ball Weld Load (kgs)	IP 239	315
Operating temperature range	-	-20°C to 140°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)