

Product Data Sheet

Lithium EP3

A specially developed multi-purpose lithium complex grease for lubricating all anti-friction and plain bearings in industrial and automotive applications. The grease has shown exceptional performance providing extended lubrication intervals over wide operating temperature range.

Features

- Exceptional 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 EP3 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 all bearing 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	-	3
Thickener	-	Lithium soap
Base Oil	-	Blend mineral oils
Worked Penetration	IP50	220 to 250
Dropping point (°C)	IP132	185 min.
Oil separation (°C)	IP121	5 max.
Copper corrosion	IP112	Pass
Resistance to corrosion Emor (a)	IP220	0:0
Water washout @ 39°C %	ASTM D1264	3
Four Ball Weld Load (kgs)	IP239	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)