

# Product Data Sheet

## Lithium Complex EP 2

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 Complex EP 2 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	-	Red
NLGI classification	-	2
Thickener	-	Lithium complex
Base oil	-	Refined mineral oil
Worked penetration	IP50	265-295
Dropping point (°C)	IP132	250min.
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	450
Operating temperature range	-	-20°C to 150°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)