

LITHIUM EP2 GREASE



PRODUCT DESCRIPTION

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.

APPLICATIONS

Lithium EP2 can be applied manually, or by using a standard grease gun (400 gm cartridges available), or via a central lubrication system capable of pumping an NLGI No. 2 grease; consult a qualified 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.

BENEFITS

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

TYPICAL PROPERTIES

Appearance	-	Smooth grease
Colour	-	Light brown
NLGI classification	-	2
Thickener	-	Lithium soap
Base oil	-	Blend of solvent refined mineral oil
Base oil viscosity @40°C (IP71) cST	-	180
Worked penetration (IP50)	-	265 to 295
Dropping point (IP132) °C	-	185 min.
Oil separation (IP121) %	-	5 max.
Copper corrosion (IP112)	-	Pass
Resistance to corrosion Emcor (IP 220)	-	0:0
Water washout (ASTM D1264) @ 39°C %	-	3
Four ball weld load (IP 239) kgs	-	315
Timken ok load (IP 326) lds	-	50
Oxidation stability @ 100°C (IP 142)	-	
Pressure drop after 100 hours psi	-	4
Pressure drop after 400 hours psi	-	14
Operating temperature range	-	20°C to + 140°C

PACK SIZES

Lithium EP2 Grease is packed in the following sizes:-

400gm cartridges, 12.5 kg and 50kg

For Health and safety information please refer to the relevant health and safety data sheet.

The content of this data sheet is given in good faith but without warranty.