

linelube Lithium EP3 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.

Features & Benefits

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

Applications

Lithium EP3 can be applied manually, or by using a standard grease gun (400gm cartridges available), or via a central lubricating system capable of pumping an NLGI No.3 grease; consult a qualified centralised lubrication system 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.

Typical Test Data

Appearance	Smooth grease
Colour	Light brown
NLGI Classification	3
Thickener	Lithium soap
Base Oil	Blend of solvent refined mineral oil
Base Oil Viscosity @ 40°C (IP71) cSt - 1	180
Worked Penetration (IP50)	220 to 250
Dropping Point (IP132) °C	185 min.
Oil Separation (IP121) %	3 max.
Copper Corrosion (IP112)	Pass
Resistance to Corrosion Emcor (IP220)	0:0
Water Washout (ASTM D1264) @ 39°C %	3
Four Ball Weld Load (IP239) kgs	315
Timken OK Load (IP326) lbs	50
Pressure Drop after 100 hrs psi	4
Pressure Drop after 400 hrs psi	14
Operating Temperature Range (°C)	-20 to 140

Health & Safety

For health and safety information please refer to the relevant health & safety data sheet on our website. The contents of this data sheet is given in good faith but without warranty.