Technical Data Sheet

Last Updated: 14.11.2012
Product Code: GR0122

LITHIUM EP2 is 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.

APPLICATION

Lithium EP2 grease 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.2 grease. 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	Copper Corrosion (IP 112):	Pass
Colour:	Dark Brown	Resistance To corrosion Emcor (IP 220):	0 : 0
NLGI Classification:	2	Water Washout (ASTM D1264) @ 39^{0}C %:	3
Thickener:	Lithium Soap	Four Ball Weld Load (IP 239) kgs:	315
Base Oil:	Solvent Refined Mineral Oil	Timken OK Load (IP 326) lbs:	50
		Oxidation Stability @ 100^{0}C (IP 142)	
Base Oil Viscosity @ 40^{0}C (IP 71) cSt:	180	Pressure Drop After 100 hrs psi:	4
Worked Penetration (IP 50):	265 to 295	Pressure Drop After 400 hrs psi:	14
Dropping Point (IP 132) ^{0}C:	185 min.	Operating Temperature Range:	-20^{0}C to +140^{0}C
Oil Separation (IP 121) %:	5 max.		

HEALTH AND SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Safety Data Sheet is available on request.