

Technical Data Sheet

Last Updated: 26.04.2016

Product Code: GR0579

LITHIUM COMPLEX EP2 is a premium quality multi-purpose lithium complex grease for lubricating all anti-friction and plain bearings for use in industrial and automotive applications. This highly adhesive grease has shown exceptional performance providing extended lubrication intervals, even under arduous conditions and over wide operating temperature range.

APPLICATION

Lithium Complex EP2 grease can be applied manually, or by using a standard grease gun (400gm cartridges available). Available either in red sparkle or bright blue to enable instant identification. 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

- Exceptional mechanical stability extends re-lubrication intervals
- Excellent oxidation stability provides lasting lubrication at high temperatures
- Excellent EP and anti-wear performance
- Good corrosion resistance protects components operating in wet conditions

TYPICAL PROPERTIES

Appearance:	Smooth Adhesive Grease	Oil Separation (IP121) %:	5 max.
Colour:	Red or Blue	Copper Corrosion (IP112):	Pass
NLGI Classification:	2	Resistance To Corrosion	
Thickener:	Lithium Complex	EMCOR (IP220):	0 : 0
Base Oil:	Solvent Refined Mineral Oil	Water Washout (IP215) @ 79°C %:	3
Base Oil Viscosity		Four Ball Weld Load (IP239) kgs:	450
@ 40°C (IP71) cSt:	150 min	Wear Load Index:	62
Worked Penetration (IP50):	265 to 295	Timken OK Load (IP326) kgs (lbs):	20 (45)
Roll Stability		Oxidation Stability (IP142) 500 hrs	
(ASTM D1831) 100 hrs:	+30 Points Change In	@ 99°C Pressure Drop psi:	8 max.
	Penetration, max.	Operating Temperature Range:	-20°C to +150°C
Dropping Point (IP132) °C:	250 min		

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.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.