LITHIUM COMPLEX EP2

Last Updated: 09.01.2025
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

Colour & Appearance	Smooth Adhesive Grease
Colour	Red or Blue
NLGI Classification	2
Thickener	Lithium Complex
Base Oil	Solvent Refined Mineral Oil
Base Oil Viscosity @ 40°C (IP71) cSt	150 min
Worked Penetration (IP50)	265 to 295

Roll Stability

(ASTM D1831) 100 hrs	+30 Points Change In Penetration, max.
Dropping Point (IP132) 0C	250 min
Oil Separation (IP121) %	5 max.
Copper Corrosion (IP112)	Pass

Resistance To Corrosion

EMCOR (IP220)	0 : 0
Water Washout (IP215) @ 79°C %	3
Four Ball Weld Load (IP239) kgs	450
Wear Load Index	62
Timken OK Load (IP326) kgs (lbs)	20 (45)
Oxidation Stability (IP142) 500 hrs @ 99°C Pressure Drop psi	8 max.
Operating Temperature Range	-20°C to +150°C

SAR LUBRICANTS (SQUIRE A. RADCLIFFE & SONS LTD)
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HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.

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