LITHIUM COMPLEX EP2 MOLY

Last Updated: 09.01.2025
Product Code: GR0923

LITHIUM COMPLEX EP2 MOLY is a specially developed lithium complex grease fortified with molybdenum disulphide (MoS2) solid film lubricant for applications where the grease is required to cope with extreme and arduous conditions, such as high loads, shock loading, wet and temperature extremes. This grease is designed for plain as well as anti-friction bearings, its high load carrying capacity make this grease ideal for CV joints and as a chuck grease.

APPLICATION

Designed for plain as well as anti-friction bearings, its high load carrying capacity and enhanced corrosion resistance make this grease ideal as a high performance product for outdoor plant and machinery, CV joints and as a chuck grease.

Can be applied manually, or by using a standard grease gun (400gm cartridges available). 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

- Extremely high load carrying capacity and impact resistance properties to enhance component life.
- Exceptional mechanical stability extends re-lubrication intervals.
- Excellent oxidation stability provides lasting lubrication at extremes of high and low temperatures.
- Enhanced EP and anti-wear performance.
- High degree of corrosion resistance protects components operating in wet conditions.

TYPICAL PROPERTIES

Colour & Appearance	Grey/Black Adhesive Grease
NLGI Classification	2
Thickener	Lithium Complex Soap
Base Oil	Solvent Refined Mineral Oil
Dropping Point (IP132) °C	260 min
Oil Separation (IP121) %	5 max.
Copper Corrosion (IP112)	Pass
Solid lubricant content %	3

Resistance To Corrosion

EMCOR (IP220)	0 : 0
Four Ball Weld Load (IP239) kgs	450
Timken OK Load (IP326) kgs (lbs)	20 (45)
Oxidation Stability (IP142) 500 hrs @ 990C Pressure Drop psi	8 max.
Operating Temperature Range	-20°C to +150°C Short periods to 180°C

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.

SAR LUBRICANTS (SQUIRE A. RADCLIFFE & SONS LTD)
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NOTE: Read and understand all precautions on container labels before using this product.

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