

Last Updated: 14.07.2017

Product Code: GR0923

**LITHIUM COMPLEX EP2 MOLY** is a specially developed lithium complex grease fortified with molybdenum disulphide ( $\text{MoS}_2$ ) 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

Appearance:	Grey/Black Adhesive Grease	Resistance To Corrosion	
NLGI Classification:	2	EMCOR (IP220):	0 : 0
Thickener:	Lithium Complex Soap	Four Ball Weld Load (IP239) kgs:	450
Base Oil:	Solvent Refined Mineral Oil	Timken OK Load (IP326) kgs (lbs):	20 (45)
Dropping Point (IP132) °C:	260 min	Oxidation Stability (IP142) 500 hrs	
Oil Separation (IP121) %:	5 max.	@ 99°C Pressure Drop psi:	8 max.
Copper Corrosion (IP112):	Pass	Operating Temperature Range:	-20°C to +150°C
Solid lubricant content %:	3		Short periods to 180°C

## 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.