

**LITHIUM COMPLEX EP2 PTFE** is a premium quality lithium complex grease fortified with PTFE solid film lubricant, designed for use where applications are subject to extreme and arduous conditions, such as high loads, shock loading, wet and temperature extremes.

## 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 a wide range of applications, especially in very wet or especially extreme working environments. The adhesive nature of the formulation and enhanced de-watering properties make it ideal for lubricating sliding surfaces, heavy duty bearings and surfaces such as crane booms which are subject to adverse and/or very wet conditions.

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.
- Very high degree of resistance to water washout where water ingress is an issue.
- 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:	Light Brown, Smooth	Mild Steel Corrosion (IP112):	Pass
NLGI Classification:	2	Aluminium Corrosion (IP112):	Pass
Thickener:	Lithium Complex Soap	Resistance To Corrosion	
Base Oil:	Solvent Refined Min. Oil	EMCOR (IP220):	0 : 0
Solid lubricant:	PTFE	Four Ball Weld Load (IP239) kgs:	620
Dropping Point (IP132) °C:	230 min	Operating Temperature Range:	-20°C to +150°C
Copper Corrosion (IP112):	Pass		

## 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.