LITHIUM COMPLEX EP2 PTFE

Last Updated: 09.01.2025
Product Code: GR0926

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

Colour & Appearance	Light Brown, Smooth
NLGI Classification	2
Thickener	Lithium Complex Soap
Base Oil	Solvent Refined Min. Oil
Solid lubricant	PTFE
Dropping Point (IP132) °C	230 min
Copper Corrosion (IP112)	Pass
Mild Steel Corrosion (IP112)	Pass
Aluminium Corrosion (IP112)	Pass

Resistance To Corrosion

EMCOR (IP220)	0 : 0
Four Ball Weld Load (IP239) kgs	620
Operating Temperature Range	-20°C to +150°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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