

**LITHIUM MOLY** is a premium quality multi-purpose grease for use in all anti-friction bearings subjected to high load conditions. The incorporation of molybdenum disulphide imparts a high degree of wear protection against load, shock loading and dusty environments. Used extensively for applications throughout industry and the automotive sector.

## APPLICATION

Lithium Moly can be applied manually or by using a standard grease gun (400gm cartridges available), or via a central lubricating system capable of pumping an NLGI No.2 grease. 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

- Excellent extreme pressure and anti-wear additives
- High degree of corrosion protection
- Highly versatile multi-purpose grease

## TYPICAL PROPERTIES

|                                        |               |                                         |                 |
|----------------------------------------|---------------|-----------------------------------------|-----------------|
| Appearance:                            | Smooth Grease | Resistance To Corrosion Emcor (IP 220): | 0 : 0           |
| Colour:                                | Grey / Black  | Water Washout (ASTM D1264) @ 39°C %:    | 3               |
| NLGI Classification:                   | 2             | Four Ball Weld Load (IP 239) kgs:       | 315             |
| Thickener:                             | Lithium Soap  | Timken OK Load (IP 326) lbs:            | 50              |
| Base Oil:                              | Mineral Oil   | Oxidation Stability @ 100°C (IP 142)    |                 |
| Base Oil Viscosity @ 40°C (IP 71) cSt: | 180           | Pressure Drop After 100 hrs psi:        | 4               |
| Worked Penetration (IP 50):            | 265 to 295    | Pressure Drop After 400 hrs psi:        | 14              |
| Dropping Point (IP 132) °C:            | 185 min.      | Molybdenum Disulphide Content %:        | 1               |
| Oil Separation (IP 121) %:             | 5 max.        | Operating Temperature Range:            | -20°C to +140°C |
| Copper Corrosion (IP 112):             | 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.