LITHIUM MOLY

Last Updated: 09.01.2025
Product Code: GR0779

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

Colour & Appearance	Smooth Grease
Colour	Grey / Black
NLGI Classification	2
Thickener	Lithium Soap
Base Oil	Mineral Oil
Base Oil Viscosity @ 40°C (IP 71) cSt	180
Worked Penetration (IP 50)	265 to 295
Dropping Point (IP 132) °C	185 min.
Oil Separation (IP 121) %	5 max.
Copper Corrosion (IP 112)	Pass
Resistance To Corrosion Emcor (IP 220)	0 : 0
Water Washout (ASTM D1264) @ 39°C %	3
Four Ball Weld Load (IP 239) kgs	315
Timken OK Load (IP 326) lbs	50

Oxidation Stability @ 100°C (IP 142)

Pressure Drop After 100 hrs psi	4
Pressure Drop After 400 hrs psi	14
Molybdenum Disulphide Content %	1
Operating Temperature Range	-20°C to +140°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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