



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

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PRODUCT DATA SHEET

MOLY LITH EP2

PRODUCT DESCRIPTION

MOLY LITH EP2 is a premium lithium soap thickened grease formulated with an advanced extreme pressure (EP) and anti-wear (AW) additive technology. It contains Molybdenum Disulphide to provide extra protection against wear.

MOLY LITH EP2 is a multi-service grease suitable for use in both automotive and industrial applications. In addition to its EP and anti-wear characteristics it also provides a high level of oxidation, rust and water washout protection. **MOLY LITH EP2** has demonstrated outstanding performance with regard corrosion protection, low temperature pumpability and high temperature service.

The state-of-the-art equipment and procedures employed to manufacture **MOLY LITH EP2** grease provide it with a high degree of mechanical and storage stability. It resists breakdown under high mechanical stress, and in stress storage it will maintain its consistency.

BENEFITS

- Reduced wear under high shock loads
- Superior protection against rust and corrosion
- Excellent mechanical stability
- Lead, chlorine and nitrite free
- Excellent resistance to water washout
- Good pumpability in centralised systems
- Outstanding storage stability

RECOMMENDATIONS

MOLY LITH EP2 is recommended for use in most types of automotive and industrial applications including heavy duty service where high loads are encountered. It is suitable for rolling element bearings, plain bearings, gears and couplings. Because of its outstanding corrosion and water resistant properties it is particularly suitable where water ingress is present such as underground tunneling or mining and ore crushing plants.

The recommended operating temperature range for **MOLY LITH EP2** is from -20°C to 140°C . However it can endure higher temperatures for short periods or if the lubrication frequency is increased.

Hi-Tec suggests that the equipment manufacturers' recommendations for grade, performance requirements and general operating conditions should be checked prior to use.



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TYPICAL PROPERTIES

Property	Method	Results
Appearance	-	Smooth Grease
Colour	-	Grey/Black
NLGI	-	2
Soap Type	-	Lithium
Base Oil	-	Blend Mineral Oils
Worked Penetration	IP50	265 to 295
Dropping Point °C	IP132	185 min
Oil Separation %	IP121	5 max
Copper Corrosion	IP112	Pass
Resistance to Corrosion Emcor	IP220	0:0
Water Washout at 39°C, %	ASTM D1264	3
4-Ball Weld, Kg/f	IP239	315
Operating Temperature Range °C	-	-20 to 140
Solids % -	-	1

Available in: Bulk, 180kg, 20kg and 450 gr

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

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