

**THE INNOVATIVE
AUSTRALIAN**

Moly Hi-Load EP

Product Data Sheet

Premium EP2 Grease for Heavy Duty Applications

Moly Hi-Load EP2 Grease is a special long-life grease recommended for high load service conditions in hostile environments or where extended service is intended, due to the additional anti-wear protection provided by the presence of molybdenum disulphide. **Moly Hi-Load EP2 Grease** is manufactured with lithium hydroxy stearate base thickener, molybdenum disulphide, selected high viscosity index mineral oils combined with rust, oxidation and corrosion inhibitors and very effective lead-free extreme pressure additives.

Summary of Benefits:

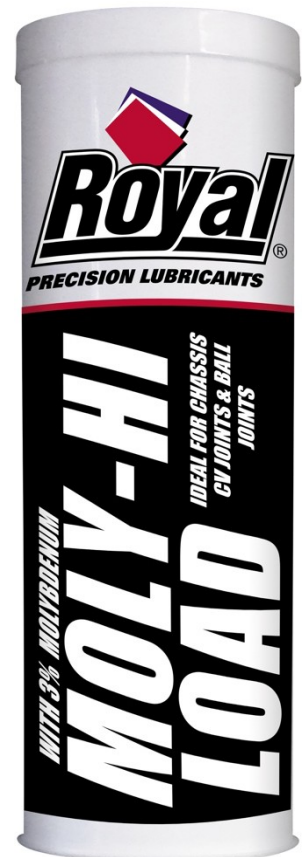
- Protects and lubricates all moving parts particularly under heavy or shock loading conditions without failure of the lubricant film.
- Excellent mechanical stability that is very important in vibrating environments as inferior mechanical stability can cause the grease softening with loss of lubrication performance and leakage.
- Formulated to guarantee a much-improved level of resistance to water wash-out to extend bearing life in wet environments.
- Selected base oil components have an excellent oxidation resistance that provides long service life. The grease consistency will not change in storage and it will withstand high operating temperatures without hardening or forming bearing deposits.
- Extra protection against rust and corrosion promotes effective lubrication under difficult environments that may be corrosive or rust prone service situations.

Operating Temperature Range:

The recommended temperature range is from -20°C to +130 °C, however it may be used at higher temperatures with the lubrication frequency to be increased accordingly.

Product Code: 9006

Product Size: 450g, 2.5kg, 20kg, 180kg



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Moly Hi-Load EP2 Grease is recommended for:

Chassis parts of construction, mining and heavy mobile equipment, belt conveyors, hoists, cutting machines, loaders and continuous. Tractor-trailer fifth wheels, turntables, universal joints, splines, brake self-adjusting screws, clutch release bearings, ball joints. Heavy industry winches, cables, rollers and linkages. Heavily Loaded Plain, Ball and Rolling Bearings in Industrial machines requiring a high temperature, extreme-pressure grease with 3% Moly.

Typical Characteristics:

NLGI	2
Appearance	Grey/black
Thickener	Lithium Complex
Worked Penetration (IP150)	265 to 295
Dropping Point (°C)	250 min
Water Washable @ 80°C (%)	3
Oil Separation (IP121)	5% max
Wheel Bearing Leakage (g)	3
Oxidation Resistance Pressure Drop, 100 hours (kPa)	25
Resistance to Corrosion	0.00
Timken, OK Load (kg)	20
4-Ball Weld Point (kg/f)	410
Copper Corrosion Test (IP112)	pass
Base Oil Viscosity (IP71) (cSt at 40°C)	350 min
Molybdenum Disulphide (% Mass)	3

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website www.royallubricants.com.au or by email: info@royallubricants.com.au

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