

Puma Minegrease Moly X EP2

High Performance Mine Grease

Puma Minegrease Moly X EP2 is high performance multi-purpose grease intended for a large variety of applications. It is an advanced formulation using Lithium thickener combined with mineral base oils and advanced performance additives. It is formulated with an optimised ratio of solid additives; Molybdenum Disulphide and Graphite (3%) to enhance its shock loading properties.

Puma Minegrease Moly X EP2 is optimised to deliver outstanding performance in all mobile mining applications.

- ✓ Extreme Pressure
- ✓ Extended Service Life
- ✓ Molybdenum Disulphide
- ✓ Water Resistance

Designed to Perform

Anti-Wear and EP Performance plus solids

Important for reducing wear rates and achieving a high load-carrying capability even under conditions of high sliding and moderate shock loading, thus extending the equipment life. Under conditions of severe shock loads the grease can be forced out of a bush. The Graphite and Molybdenum Disulphide coat the metallic surfaces allowing the loaded metallic component to slip thus preventing welding and surface damage under these extreme conditions.

Chemical Stability

It has great physical and chemical stability which ensures that these greases remain unaltered even after long exposure to high mechanical loads and thermal stresses, while its outstanding oxidation resistance inhibits deterioration both during storage and use.

Water Resistance

Puma Minegrease Moly X EP2 is water-resistant and can be used in moist conditions and in contact with water, while good pump-ability facilitates dispensing even at low temperatures. of the grease.

Lubricating Properties

It provides extremely good lubrication and wear protection for heavily loaded pins and bushes. Its high oxidation resistance inhibits any tendency for the grease to alter during storage and while in use.

Operating Temperature Range

The recommended temperature range is from -25°C to 130°C

Performance Characteristics

Puma Minegrease Moly X EP 2 is designed for highly loaded slow moving bearings and bushes, and especially where **severe shock loading** may occur. It is also suitable for use at high temperatures and in wet conditions.

Applications

- Mining and earthmoving equipment
- Agricultural equipment
- Marine applications
- Pins and bushes
- Commercial vehicles

Typical Physical Characteristics

Test	Temp	Units	ATSM Method	Typical Result
NLGI	-	-	-	2
Soap Type	-	-	-	Lithium
Colour/Appearance	-	-	-	Grey/Black/Tacky
Dropping Point	-	°C	D.2265	190
Water Washout, Loss	80°C	%	D.1264	4
Molybdenum Disulphide and Graphite	-	%	-	3
Timken, OK Load	-	kg	D.2509	20
4-ball Weld Point	-	kg/f	D.2596	500
4-ball Wear Scar	-	mm	D.2266	0.55
Mineral Oil Viscosity	40°C	cSt	D.445	460

These characteristics are typical of current product methods whilst future production will conform to Puma Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. A citrus based cleaner is especially effective in cleaning this product off the skin. Guidance on health and safety is available on the appropriate Safety Data Sheet (SDS) which can be obtained from sds.pumaenergy.com.au

Protect the Environment

- Take used grease to an authorised collection point. Do not dispose of used or new grease into the environment.

Additional Information

- Technical advice may be obtained from your Puma Energy Representative.