

### Petromin LithComp Moly Extra

Petromin Lithcomp Moly Extra is a premium grade extreme pressure grease, which is based on lithium complex soap thickener. A part from other performance additives, it is additionally fortified with 5% Molybdenum disulfide as an extreme pressure agent. Its state-of-the-art additive technology & long soap fiber gives superior wear protection under severe vibrating and oscillating conditions, which normally require for many mining application & for heavy construction equipment.

#### BENEFITS

- Excellent EP & AW properties ensures protection from damage against heavily or shock-loaded wear.
- Resists softening at elevated temperatures.
- Its solid phase EP additives (MoS<sub>2</sub>) ensures protection of metal surfaces against wear in severe applications.
- Its lithium complex soap thickener ensures a high dropping point.
- Has excellent mechanical stability due to its long fibre of soap.
- Excellent water resistance, thus reducing the need of frequent replenishment.
- Excellent protection against rust/corrosion.
- Excellent thermal and oxidation stability ensure longer grease life.

#### APPLICATIONS

Petromin Lithcomp Moly Extra Grease is primarily designed for mining Industry but also suitable for:

- steel roll mill bearings.
- Off-road equipment used in the mining industry,
- In slow-moving plain and rolling bearing under severe conditions of very high loads.
- Heavy duty construction, earthmoving, mobile and stationary equipment
- Suitable in those applications operating under very high loads, shock loading and vibrating or oscillating conditions.
- Heavy-duty applications that is difficult to access.
- Outstanding wide operating temperature range grease -25 °C to 180 °C
- For operating temperatures above 180 °C the grease has to be frequently replenished.



## PRODUCT DATA SHEET

### PRODUCT CHARACTERISTICS\*

PROPERTIES	UNITS	VALUE	TEST METHOD
NLGI GRADE	-	2	-
Texture	-	Smooth	Visual
Color	-	Black	Visual
Thickener Type	-	Lithium Complex	-
Dropping Point (min)	°C	>280	ASTM D-2265
Worked Penetration at 25 °C	mm/10	265/295	ASTM D-217
Base Oil Type	-	Mineral	-
Base oil Viscosity @ 40 °C	cSt	178	ASTN D-445
Cu-Corrosion ( 24h at 100 °C) (max)	Rating	< 2	ASTM D-4048
Molybdenum Disulphide	wt.%	5.0	Gravimetric
Rust Test,	-	Pass	ASTM D-1743
Product Code		XXXX	

\*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

