

## MFG 460/5M

*Extreme Pressure Lithium Complex EP Moly Grease*



### YOUR BENEFITS

- High quality lubricating grease with good shear stability.
- High base oil viscosity of ISO VG 460 to give increased load carrying capacity.
- Chosen EP and anti-wear properties for counter extreme pressures and provide wear protection.
- Excellent water resistance property including hot and cold water.
- High temperature oxidation stability.
- Performs well in moist, dusty and adverse conditions.
- Guards against rust and corrosion.
- Soft grade penetration for easy pump ability.

### APPLICATION

- As heavy duty lubricating grease for various applications in construction, mining, agriculture, cement, steel, paper, heavy engineering, chemical and various other industries.
- To dampen shock loads and for slow moving bearings in dusty and wet environment.
- For various grease lubrication points in dumper trucks, excavators, wheel loaders and other earth moving vehicles and equipments.
- Periodic lubrication of plain and rolling elements.

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CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Smooth Tacky
Colour	Visual	-	Greyish Black
Thickener Type	-	-	Lithium Complex
Density @ 27°C	CTM*	-	0.920 ± 0.1
Base Oil Viscosity @ 40°C	ASTM D 445	cSt	460
Base Oil Viscosity @ 100°C	-	-	~ 35
NLGI Grade	-	-	#2
Worked Penetration @ 25°C	ASTM D 217	0.1 mm	265 - 295
Dropping Point [min]	ASTM D 2265	°C	>260
Four Ball Weld Load	ASTM D 2596	Kgs	500
Four Ball Wear Scar	ASTM D 2266	mm	NMT 0.5
Water Washout @ 80°C, wt. loss	ASTM D 1264	%	< 5
CRC Bearing Corrosion Test	ASTM D 1743	-	Passes
Operating Temperature Range	-	°C	-20 / +180

\*CTM =Corporate Test Method

The values quoted above are typical and do not constitute a specification.

### INDUSTRY:

Mining

### PACK SIZE:

5 kg / 20 kg Bucket  
180 kg Drum

### SHELF LIFE:

24 Months

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

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