



# PM600M

## PREMIUM GEAR AND BEARING GREASE

with Moly

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS

### PRODUCT DESCRIPTION

PM600M is a heavy-duty, all-purpose lubricant made with moly. It is tacky and has very high shock-absorbing abilities. PM600M is manufactured with exceptional adhesive and cohesive properties, allowing longer service intervals. PM600M forms a lubricating film that prevents metal-to-metal contact and reduces operating temperatures. It is non-melting, water resistant, and protects against corrosion as it lubricates. PM600M is available in NLGI grades 1, 2, and 3.

### APPLICATION

PM600M is generally used within the temperature range to lubricate wheel bearings, chassis, ball-joints, water pumps, fifth wheels, universal joints, slides, pillow block bearings, guide rails, cams, winches, or any other equipment requiring an extreme pressure lubricant. PM600M is used in many industries such as automotive, marine, aircraft, air conditioning, mining, construction, sugarcane mills, oilfields, cement plants, farms, chemical plants, and food plants.

### BENEFITS

- Non-melting
- Film forming
- Excellent cohesive and adhesive properties
- High shock load
- Water resistant

### RELATED PRODUCTS

- PM600M Premium Gear and Bearing with Moly
- PM627 Premium Gear and Bearing Grease with Moly
- PM800 Premium Bearing Lube
- PM800M Premium Bearing Lube with Moly
- PM900 Military Grease

### TYPICAL OBSERVATIONS

	PM600MN1	PM600MN2	PM600MN3
NLGI Grade	1	2	3
Color	Gray	Gray	Gray
Texture	Tacky	Tacky	Tacky
Penetration, ASTM D-217 @ 77°F (25°C)	310–340	265–295	220–250
Density, lb/gal @ 77°F (25°C)	7.29	7.39	7.75
Specific Gravity @ 77°F (25°C)	0.92	0.92	0.92
Viscosity Index of Oil	95	95	95
Flash Point, ASTM D-92	>450°F (>232°C)	>450°F (>232°C)	>450°F (>232°C)
Dropping Point, ASTM D-2265	+500°F (+260°C)	+500°F (+260°C)	+500°F (+260°C)
Freezing Point	14°F (-10°C)	14°F (-10°C)	14°F (-10°C)
4-Ball EP Weld load, KgF (ASTM D-2596)	200 Pass 250 weld	200 Pass 250 weld	200 Pass 250 weld
Shelf Life (unopened container)	Two years	Two years	Two years



© 2012, BALMAR LLC Made in U.S.A.

**WARRANTY** Because the conditions of use and the supervision of application are beyond our control, we assume no liability for any product failure or other damage beyond the purchase price of the material furnished by us. No agent, representative, or employee of this Company is authorized to change this provision, which relates to all goods delivered, whether sold, delivered as samples, or otherwise. Each user should independently determine the suitability of this product based on their specific application.

Manufactured by

**BALMAR LLC**

616 WEST PONT DES MOUTON ROAD | LAFAYETTE, LA 70507

Sales Locations:

LAFAYETTE, LA | HOUSTON, TX | LONGVIEW, TX | MIDLAND, TX | OKLAHOMA CITY, OK

\*Registered trade name of Oil Center Research, Inc. 02/25/13

The product information and specifications listed in this publication are constantly being updated to keep up with government regulations and technology changes. Please visit our web site, [www.oilcenter.com](http://www.oilcenter.com), or contact your Account Representative for the most current information relating to this product.