



Liquid-O-Ring®\*

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PRODUCTS SERVING INDUSTRIES WORLDWIDE

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# PM600

## MILITARY GREASE

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

PM600 is a heavy-duty, all-purpose lubricant manufactured specifically for bearings and open gears. PM600 is tacky and has very high shock-absorbing abilities with a high melting point of +500°F (260°C). PM600 is a grease manufactured with exceptional adhesive and cohesive properties, allowing longer service intervals. PM600 forms a lubricating film that prevents metal-to-metal contact and reduces operating temperatures. It is water-resistant and protects against corrosion as it lubricates.

### BENEFITS

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

### APPLICATION

PM600 is generally 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. PM600 is used in many industries such as automotive, marine, aircraft, air conditioning, mining, construction, sugarcane mills, oil fields, cement plants, farms, chemical plants, and food plants.

### RELATED PRODUCTS

627 Premium Valve Lubricant  
PM600M Premium Gear and Bearing with Moly  
PM800 Premium Bearing Lube  
PM800M Premium Bearing Lube with Moly  
PM900 Military Grease

### TYPICAL OBSERVATIONS

	PM600N000	PM600N00	PM600N0	PM600N1	PM600N2	PM600N3
Color	Red	Red	Red	Red	Red	Red
Texture	Tacky	Tacky	Tacky	Tacky	Tacky	Tacky
Penetration, ASTM D-217 @ 77°F (25°C)	445–475	400–430	355–385	310–340	265–295	220–250
Density, lb/gal @ 77°F (25°C)	7.40	7.42	7.44	7.46	7.47	7.50
Specific Gravity @ 77°F (25°C)	0.886	0.889	0.891	0.893	0.895	0.899
Flash Point, ASTM D-92	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)
Dropping Point, ASTM D-2265	+500°F (+260°C)	+500°F (+260°C)	+500°F (+260°C)	+500°F (+260°C)	+500°F (+260°C)	+500°F (+260°C)
Water Washout, ASTM D-1264 @ 100°F (37°C)	6.0%	5.8%	5.8%	5.1%	4.8%	4.2%
Freezing Point	-17°F (-27°C)	-13°F (-25°C)	-4°F (-20°C)	-4°F (-20°C)	0°F (-17°C)	3°F (-16°C)
4-Ball EP Weld load, KgF (ASTM D-2596)	200 Pass 250 weld	200 Pass 250 weld	200 Pass 250 weld	200 Pass 250 weld	200 Pass 250 weld	200 Pass 250 weld
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	1.30	1.30	1.28	1.20	1.15	1.00
Shelf Life (unopened container)	Two years	Two years	Two years	Two years	Two years	Two years



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Manufactured by

**BALMAR LLC**

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Sales Locations:

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