



Liquid-O-Ring®

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PRODUCTS SERVING INDUSTRIES WORLDWIDE

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PM600

MILITARY GREASE

ANTI-SEIZE/EXTREME
TEMPERATURE
COMPOUNDS

CLEANERS &
DEGREASERS

MULTI-PURPOSE
GREASES

PIPE COATINGS

PIPE STORAGE
COMPOUNDS

PUMP PACKINGS

RUST AND CORROSION
INHIBITORS

SPECIALTY FLUIDS

SPECIALTY LUBRICANTS

SPECIALTY SEALANTS

SPECIALTY OILS
& ADDITIVES

THREAD COMPOUNDS
(DRILLING/TOOL JOINT,
TUBING/CASING)

THREAD LOCKING
COMPOUNDS

THREAD SEALANTS

VALVE LUBRICANTS,
SEALANTS AND
CLEANERS

WIRELINE GREASES
& LINE SPRAYS



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

LubeSeal

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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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

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Sales Locations:

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

Made in U.S.A.

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 website, www.oilcenter.com, or contact your Account Representative for the most current information relating to this product.