

# 187

## MOLYLUBE

### Arctic Grade Synthetic Grease

#### PRODUCT DESCRIPTION

A multipurpose, arctic grade, synthetic grease 187 MolyLube is formulated with moly to meet the demands of heavy duty equipment under extreme conditions including excessive pressure, extreme temperatures, high shock loading, and moisture. 187 MolyLube provides excellent performance and protection while servicing temperatures from -20°F to >400°F (-29°C to >204°C). The presence of molybdenum disulfide allows 187 MolyLube to plate metal surfaces to form a lubricant film for long lasting protection against friction, high speed, high shock loads and extreme pressure.

#### APPLICATION

187 MolyLube is recommended for application to all types of heavy duty equipment subject to adverse conditions including excessive pressure, high stock loading, extreme temperatures, and moisture. 187 MolyLube is compatible with all types of materials, except soap base greases. Mixture with other types of greases may result in softening of 187 MolyLube grease. Every effort should be made to clean or purge the former grease from the bearing.

#### RELATED PRODUCTS

166 Synthetic, Biodegradable Grease  
166L Synthetic, Biodegradable Grease with LIQUILON®

FRAC

FLUSH

ARCTIC

STORAGE

SEALANTS

CLEANERS

ASSEMBLY

BALL VALVE  
LUBRICANTS

GATE VALVE  
LUBRICANTS

PLUG VALVE  
LUBRICANTS

STICK PACKING

#### TYPICAL OBSERVATIONS

Color	Dark Gray
Texture	Tacky
Thickener Type	Inorganic
Density, lb/gal @ 77°F (25°C)	7.2
Specific Gravity @ 77°F (25°C)	0.860
Dropping Point, ASTM D-2265	430°F (221°C)
Flash Point, ASTM D-92, (based on oil)	>400°F (>204°C)
Penetration, ASTM D-217 worked @ 77°F (25°C)	310–340
Base Oil Viscosity, ASTM D-445	
cSt @ 40°F (104°C)	65.3
cSt @ 100°F (212°C)	10.2
Corrosion Preventive Properties, ASTM D-1743 @ 125°F (51°C)	Pass
Rust Inhibition Test, ASTM D-1743	1,1,1
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	
Oil Separation, ASTM D-1742 @ 77°F (25°C)	Nil
Oxidation Stability, ASTM D-942	
PSI Loss @ 100 hours	2
Four Ball EP Test (ASTM D-2596) Weld Point - kg	315
Shelf Life (unopened container)	Two years
Temperature Range	-20°F to >400°F (-29°C to >204°C)

#### BENEFITS

- Wide temperature range
- Extends bearing life
- Excellent water-washout resistance
- Excellent long lasting protection against friction, high speed, high shock loads, and extreme pressure
- Increases equipment life
- Excellent rust and oxidation protection
- Reduces downtime
- Extends lubrication cycles
- Outstanding shear stability
- Low temperature application
- Resistant to HCL



Liquid-O-Ring®\*

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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

Made in U.S.A. 01/06/17

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