



# Liquid-O-Ring® \*

Your Super Center for over 1,000 top performance products serving industries worldwide.

## 166L

### SYNTHETIC, BIODEGRADABLE GREASE with LIQUILON®\*

- Liquid-O-Ring®
- Anti-Seize Compounds
- Drill Collar and Tool Joint Compounds
- Extreme Temperature Compounds
- Fish Net Coatings
- Greases
  - Bearing
  - Food Grade
  - High Temp
  - Low Temp
  - Multi-Purpose
  - Specialty
  - Silicone
  - Synthetic
- Oils
  - Compressor
  - Cutting
  - Forging Die Lube
  - Gear
  - Hydraulic
  - Motor
  - Penetrating
  - Silicone
  - Torsion
  - Transmission
  - Treatment
- Oilfield Production Products
- Pipe Storage Compounds
- Lubricants
- Sealants
- Pump Packings
- Thread Cleaner
- Thread Compounds
  - Biodegradable
  - High Temperature
  - Arctic Grade
- Thread Locking Compound
- Thread Sealants
- Valve Lubricants and Sealants
- Wireline Products

- Protekto-Coat
- Internal and External Pipe Coatings
- Low VOC
- Biodegradable
- Corrosion Inhibitors

- Speciality Items
- Cleaners and Degreasers

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](http://www.oilcenter.com), or contact your Account Representative for the most current information relating to this product.

#### PRODUCT DESCRIPTION

Liquid-O-Ring® 166L is a synthetic, biodegradable grease manufactured with Liquilon®\*. The presence of Liquilon®\* eliminates metal-to-metal contact, provides excellent resistance to washout, and adds stability and resistance to chemical change. Liquid-O-Ring® 166L has extreme pressure characteristics. It is effective in operating temperatures up to 400°F (204°C).

Liquid-O-Ring® 166L performs well under heavy loads, provides outstanding structural stability, and has excellent anti-fretting capability under oscillatory and vibratory conditions.

#### BENEFITS

- Made with Liquilon®\*
- Excellent EP properties
- Water-washout resistant
- Services temperatures up to 400°F (204°C)
- Outstanding structural stability
- Excellent anti-fretting capability

#### APPLICATION

Liquid-O-Ring® 166L may be used for industrial applications where a synthetic lubricant is preferred. Mixture with other types of greases may result in softening of Liquid-O-Ring® 166L grease. Every effort should be made to clean or purge the former grease from the bearing.

#### TYPICAL OBSERVATIONS

Color	Red
Texture	Slightly Tacky
Active Ingredient	Liquilon®*
Base Oil	Synthetic
Density, lb/gal @ 77°F (25°C)	7.10
Specific Gravity @ 77°F (25°C)	0.851
Dropping Point, ASTM D-2265	>500°F (>260°C)
Flash Point, ASTM D-92, (based on oil)	>400°F (>204°C)
Penetration, ASTM D-217 worked @ 77°F (25°C)	285
Base Oil Viscosity	
cSt @ 100°F (37°C)	42.39
cSt @ 210°F (98°C)	7.51
Corrosion Preventive Properties, ASTM D-1743 @ 125°F (51°C)	Pass
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	1.39%
Oil Separation, ASTM D-1742 @ 77°F (25°C)	Nil
Oxidation Stability, ASTM D-942 @ 210°F (98°C), 72 hrs. PSI Loss	4
Temperature Range	-65°F up to 400°F (-53°C up to 204°C)
Shelf Life (unopened container)	Two years

#### CONTAINER SIZE

- Cart pack (10 cartridges)
- Cart Case (40 cartridges)
- 5 gal (19 L)
- 55 gal (208 L)

#### RELATED PRODUCT

- 158MSYN High Temperature Inorganic Synthetic Grease with moly
- 166 Synthetic, Biodegradable Grease
- 167SYN Premium Multipurpose Synthetic Grease

**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.

Made in U.S.A.

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Sales Locations:  
LAFAYETTE, LA - HOUSTON, TX - LONGVIEW, TX - MIDLAND, TX - YUKON, OK

Manufactured by  
**BALMAR, LLC**

\*Registered Tradename of  
Oil Center Research, Inc.

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