



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

## 166

### SYNTHETIC, BIODEGRADABLE GREASE

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

#### PRODUCT DESCRIPTION

Liquid-O-Ring® 166 is a synthetic, biodegradable grease that has extreme pressure characteristics and excellent resistance to washout. It is effective in operating temperatures up to 400°F (204°C). Liquid-O-Ring® 166 performs well under heavy loads, provides outstanding structural stability, and has excellent anti-fretting capability under oscillatory and vibratory conditions.

#### BENEFITS

- Water-washout resistant
- Wide temperature range
- Outstanding structural stability
- Excellent anti-fretting capability

#### APPLICATION

Liquid-O-Ring® 166 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® 166 grease. Every effort should be made to clean or purge the former grease from the bearing.

#### TYPICAL OBSERVATIONS

Color	Red
Texture	Slightly Tacky
Density, lb/gal @ 77°F (25°C)	7.10
Specific Gravity @ 77°F (25°C)	0.85
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)	65.72
cSt @ 210°F (98°C)	9.78
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
Shelf Life (unopened container)	Two years

#### CONTAINER SIZE

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

#### RELATED PRODUCT

166L Synthetic, Biodegradable Grease with Liquilon®\*

**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.

\*Registered Tradename of Oil Center Research, Inc.

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