



Liquid-O-Ring® *

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

159

MACHINERY 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

PRODUCT DESCRIPTION

159 Machinery Grease offers rust and corrosion additives as well as oxidation inhibitors enhancing the performance of this multi-purpose lithium grease. **159 Machinery Grease** resists mechanical shear and is water and washout resistant. **159 Machinery Grease** is manufactured with extreme pressure additives for increased load carrying capabilities and anti-wear properties for effective performance under constant high load conditions. It is a great general automotive, industrial, and machinery grease. **159 Machinery Grease** is highly recommended as a bearing lubricant

APPLICATION

With a dropping point of 352°F (177°C), **159 Machinery Grease** uses include low and high speed equipment, cold or hot temperature operations, and wet or dry running service. **159 Machinery Grease** is also used on anti-friction bearing and journals, U-joints, water pumps, chassis, springs, and for general greasing. It is widely used in industries including mining, steel mills, construction, and heavy equipment.

BENEFITS

Water resistant
Extreme pressure properties

Rust and oxidation resistant
Multi-purpose industrial lubricant

Anti-wear properties
Shear resistant

TYPICAL OBSERVATIONS

| | 159N00 | 159N0 | 159N1 | 159N2 |
|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Color | Amber | Amber | Amber | Amber |
| Texture | Smooth | Smooth | Smooth | Smooth |
| Thickener | Lithium Soap | Lithium Soap | Lithium Soap | Lithium Soap |
| Density, lb/gal @ 77°F (25°C) | 6.67 | 6.87 | 7.08 | 7.25 |
| Specific Gravity, @ 77°F (25°C) | 0.80 | 0.82 | 0.85 | 0.87 |
| Dropping Point, ASTM D-2265 | 352°F (177°C) | 352°F (177°C) | 352°F (177°C) | 352°F (177°C) |
| Flash Point, ASTM D-92 | >400°F (>204°C) | >400°F (>204°C) | >400°F (>204°C) | >400°F (>204°C) |
| Penetration, ASTM D-217 worked @ 77°F (25°C) | 400 - 430 | 355 - 385 | 310 - 330 | 280 - 290 |
| Base Oil Viscosity cst @ 40°C | 145 | 145 | 145 | 145 |
| Corrosion Preventive Properties, ASTM D-1743 @ 125°F (51°C) | Pass | Pass | Pass | Pass |
| Water Washout Characteristics, ASTM D-1264 @ 100°F (37°C) | 2.38% | 2.38% | 2.38% | 2.38% |
| Evaporation Loss, ASTM D-972 @ 210°F (98°C) | 1.20% | 1.20% | 1.20% | 1.20% |
| Oil Separation, ASTM D-1742 @ 77°F (25°C) | 0.21% | 0.21% | 0.21% | 0.21% |
| Oxidation Stability, ASTM D-972 210°F (98°C) 72 hrs. PSI Loss | 2.5 | 2.5 | 2.5 | 2.5 |
| Temperature Range | 5°F to 300°F (-15°F to 148°C) | 5°F to 300°F (-15°F to 148°C) | 5°F to 300°F (-15°F to 148°C) | 5°F to 300°F (-15°F to 148°C) |
| Shelf Life (unopened container) | Two years | Two years | Two years | Two years |

CONTAINER SIZE

Cart Case (40 cartridges), 5 gal (19 L), 55 gal (208 L)

RELATED PRODUCTS

151 Food Grade Grease
153M Multi-purpose Moly Machinery Grease
153SYN Synthetic MP Lithium Grease
155MSYN High Temperature Synthetic Machinery Lubricant with Moly

155SYN High Temperature Synthetic Lubricant
158MSYN Inorganic Synthetic Grease with Moly
167SYN Premium Synthetic Multi-purpose Grease
Polymer 400 Multi-purpose Lubricant

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.

Speciality Items

Cleaners and Degreasers

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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Manufactured by
BALMAR, LLC

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Sales Locations:

LAFAYETTE, LA - HOUSTON, TX - LONGVIEW, TX - MIDLAND, TX - YUKON, OK

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