



Liquid-O-Ring® *

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

159R 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

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

159R Machinery Grease offers rust and corrosion additives as well as oxidation inhibitors enhancing the performance of this multi-purpose lithium grease. **159R Machinery Grease** resists mechanical shear and is water and washout resistant. **159R 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. **159R Machinery Grease** can be used as a bearing lubricant.

APPLICATION

With a dropping point of 352°F (177°C), **159R Machinery Grease** uses include low and high speed equipment, cold or hot temperature operations, and wet or dry running service. **159R 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
Shear resistant

Rust and oxidation resistant
Anti-wear properties
Multi-purpose industrial lubricant

TYPICAL OBSERVATIONS

	159N1R	159N2R
Color	Red	Red
Texture	Smooth	Smooth
Thickener	Lithium Soap	Lithium Soap
Density, lb/gal @ 77°F (25°C)	7.10	7.25
Specific Gravity, @ 77°F (25°C)	0.85	0.87
Dropping Point, ASTM D-2265	352°F (177°C)	352°F (177°C)
Flash Point, ASTM D-92	>400°F (>204°C)	>400°F (>204°C)
Penetration, ASTM D-217 worked @ 77°F (25°C)	310 - 330	280 - 290
NLGI Grade	1	2
Base Oil Viscosity		
SUS @ 100°F (37°C)	750	750
SUS @ 210°F (98°C)	64	64
Corrosion Preventive Properties, ASTM D-1743 @ 125°F (51°C)	Pass	Pass
Water Washout Characteristics, ASTM D-1264 @ 100°F (37°C)	2.38%	2.38%
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	1.20%	1.20%
Oil Separation, ASTM D-1742 @ 77°F (25°C)	0.21%	0.21%
Oxidation Stability, ASTM D-972 210°F (98°C) 72 hrs. PSI Loss	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)
Shelf Life (unopened container)	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
155SYN High Temperature Synthetic Lubricant

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

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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