



Liquid-O-Ring®*

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101S

CO₂ RESISTANT FILM FORMING LUBRICANT

Made with LIQUILON®

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS

PRODUCT DESCRIPTION

Liquid-O-Ring 101S is a premium quality film forming lubricant specially formulated to combat conditions found in the harsh environments associated with CO₂ injection well systems.

Liquid-O-Ring 101S is thermally stable over a wide range of temperatures, and is inert when exposed to harsh chemicals.

Liquid-O-Ring 101S is recommended for use on seal nipples, gaskets, packer plugs, and other downhole tool accessories to ensure against drying, cracking, and downhole contamination.

BENEFITS

- CO₂ Resistant
- Provides residual lubrication
- Ensures against galling and seizing during makeup of wireline tools

APPLICATION

Liquid-O-Ring 101S is recommended for application to wireline equipment and various downhole tools, where lubrication and corrosion resistance are of utmost importance. *Liquid-O-Ring* 101S allows easy break-out and disassembly of downhole tools that have been subjected to adverse downhole chemicals.

TYPICAL OBSERVATIONS

Color	Green*
Texture	Smooth
Active Component	LIQUILON
Manufacturing Process	Fluoromation
Density, lb/gal @ 77°F (25°C)	9.86
Specific Gravity, @ 77°F (25°C)	1.181
Dropping Point, ASTM D-2265	>500°F (>260°C)
Flash Point, ASTM D-93	575°F (301°C)
Freezing Point	-58°F (-50°C)
Penetration, ASTM D-217	
worked @ 77°F (25°C)	295
Base Oil Viscosity,	
cSt @ 40°C	747
Oil Separation,	
ASTM D-1742 @ 77°F (25°C)	Nil
Shelf Life (unopened container)	Two years

*When exposed to UV light, the surface of this product may turn a brownish color. The color change will NOT affect the performance properties of this product.



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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

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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 web site, www.oilcenter.com, or contact your Account Representative for the most current information relating to this product.