



Liquid-O-Ring® *

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

101G

FILM FORMING LUBRICANT

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

PRODUCT DESCRIPTION

101G Film Forming Lubricant is a premium quality highly concentrated lubricant that resists the corrosive effects of downhole chemicals. **101G** is made with LIQUILON®, which enhances the lubricity and extreme pressure properties. LIQUILON® is unaffected by acids, caustics, downhole chemicals, and hydrocarbons including gasoline and solvents.

101G is inert and thermally stable. The film forming properties of **101G** eliminates wear, guards against rust and corrosion, and prevents metal-to-metal contact thereby significantly reducing operating temperature. In many cases, the power (electricity) to operate is reduced. **101G** provides instant lubrication to equipment critical areas during start up.

BENEFITS

- Made with LIQUILON®
- Highly concentrated
- Eliminates wear
- Guards against rust and corrosion
- Prevents metal-to-metal contact
- Provides residual lubrication
- Seals wireline tools from the effects of downhole chemicals
- Ensures against galling and seizing during makeup of wireline tools
- Provides instant lubrication during start up

APPLICATION

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

101G is also recommended for application to wireline equipment and various downhole tools, where lubrication and corrosion resistance are vital. This lubricant will allow easy break-out and disassembly of downhole tools that have been subjected to adverse downhole chemicals.

TYPICAL OBSERVATIONS

Type	Concentrated Film Forming Lubricant
Color	Green
Texture	Smooth Paste
Consistency	Buttery
Active Component	LIQUILON®
Density, lb/gal @ 77°F (25°C)	8.5
Specific Gravity, @ 77°F (25°C)	1.02
Dropping Point,	
ASTM D-2265	>450°F (232°C)
Flash Point, ASTM D-92	>500°F (260°C)
Penetration, ASTM D-217	
Worked @ 77°F (25°C)	265 - 295
Base Oil Viscosity	
cst, 40°C	174.0
cst, 100°C	17.0
Corrosion Preventive Properties,	
ASTM D-1743 @ 125°F (51°C)	Pass
Water Washout Characteristics,	
ASTM D-1264 @ 100°F (37°C)	1.0%
Evaporation Loss,	
ASTM D-972 @ 210°F (98°C)	2.8%
Oil Separation,	
ASTM D-1742 @ 77°F (25°C)	Nil
Oxidation Stability, ASTM D-942	
@ 210°F (98°C) 72 Hrs. PSI Loss	6
Shelf Life (unopened container)	Two years

CONTAINER SIZE

- Small Case (12 jars)
- Standard Case (6 jars)
- Cart Case (6 cartridges)
- Pint Case (12 cans)
- 1 gal (4 L) pail
- 5 gal (19 L) pail
- 55 gal (208 L) drum

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

*Registered Tradename of
Oil Center Research, Inc.

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