

Liquid-O-Ring®*

YOUR SUPER CENTER FOR OVER 1,000 TOP PERFORMANCE PRODUCTS SERVING INDUSTRIES WORLDWIDE

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SAFETY SEAL

711, 712, 713, 714, 811, 812, 813, 814

Made With LIQUILON®*

SAFETY VALVE SEALANT FOR HYDRAULIC-CONTROLLED SURFACE AND SUB-SURFACE SAFETY CONTROL SYSTEMS

GX® SAFETY SEAL serves two functions in the hydraulic control sections of surface and subsurface safety valve systems.

Provides excellent preventive maintenance, keeping leaks from developing. Stops minor leaks that inhibit normal functioning of the safety system.

PRODUCT DESCRIPTION

Specifically designed to seal both pinhole leaks and weeping joints, GX® SAFETY SEAL works from within to stop minor fluid loss in threaded connections, seals, control lines, and the working components of the hydraulic system. Hydraulic pressure is kept constant, allowing normally open safety valves to remain in that position. It is available in grades for hydrocarbon (711, 712, 713 and 714) and water/glycol (811, 812, 813, and 814) hydraulic systems. GX® SAFETY SEAL will not alter hydraulic fluid viscosity.

APPLICATION

GX® SAFETY SEAL is ideal for maintenance and as precautionary measures to assure continuous production and protect against costly, unscheduled well shut-ins.

SEAL LEAKS UP TO	OIL SOLUBLE SYSTEMS	WATER SOLUBLE SYSTEMS
0.01 of an inch	711	811
0.02 of an inch	712	812
0.03 of an inch	713	813
0.04 of an inch	714	814

BENEFITS

- Preventive maintenance
- Stops surface and sub-surface leaks
- Corrosion protection
- Residual lubrication
- Non-corrosive
- Non-toxic
- Permanent residual lubrication
- Contains LIQUILON®*
- Designed to work exclusively in hydraulic systems
- Available for both oil soluble and water soluble systems

RELATED PRODUCTS

- 818 Thermoplastic Umbilical Line Sealant for diluted water and glycol systems
- 940AW Hydraulic Oil
- 941 Premium Hydraulic Oil
- 1040 Synthetic, Biodegradable Hydraulic Oil

- 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



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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.

Manufactured by

BALMAR LLC

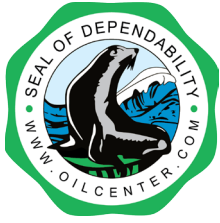
616 WEST PONT DES MOUTON ROAD | LAFAYETTE, LA 70507

Sales Locations:

LAFAYETTE, LA | HOUSTON, TX | LONGVIEW, TX | MIDLAND, TX | OKLAHOMA CITY, OK

*Registered trade name of Oil Center Research, Inc.

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.



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TYPICAL OBSERVATIONS

	711	712	713	714
Color	Red	Red	Red	Red
Odor	Mild	Mild	Mild	Mild
Appearance	Liquid	Liquid	Liquid	Liquid
Active Ingredient	LIQUILON®*	LIQUILON®*	LIQUILON®*	LIQUILON®*
Density, lb/gal @ 77°F (25°C)	7.45	7.45	7.60	7.65
Specific Gravity	0.887	0.893	0.911	0.917
Viscosity Brookfield, @ 77°F (25°C) cps	3,000	3,000	3,000	3,000
Flash Point, ASTM D-93	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)
Pour Point, ASTM D-07	15°F (-9°C)	15°F (-9°C)	15°F (-9°C)	15°F (-9°C)
Rust Preventive Test, ASTM D-3603 @140°F (60°C)	Pass	Pass	Pass	Pass
Shelf Life (unopened container)	Four years	Four years	Four years	Four years

	811	812	813	814
Color	Red	Red	Red	Red
Odor	Mild	Mild	Mild	Mild
Appearance	Liquid	Liquid	Liquid	Liquid
Active Ingredient	LIQUILON®*	LIQUILON®*	LIQUILON®*	LIQUILON®*
Density, lb/gal @ 77°F (25°C)	9.3	9.3	9.5	9.5
Specific Gravity	1.114	1.114	1.138	1.138
Viscosity Brookfield, @ 77°F (25°C) cps	3,250	3,250	3,250	3,250
Flash Point, ASTM D-93	>200°F (>93°C)	>200°F (>93°C)	>200°F (>93°C)	>200°F (>93°C)
Pour Point, ASTM D-07	9°F (-12°C)	9°F (-12°C)	9°F (-12°C)	9°F (-12°C)
Rust Preventive Test, ASTM D-3603 @140°F (60°C)	Pass	Pass	Pass	Pass
Shelf Life (unopened container)	Two years	Two years	Two years	Two years



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