



Liquid-O-Ring®*

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

WWW.OILCENTER.COM

610B

VALVE ARCTIC SEAL

Extreme Low Temperature Valve Lubricant & Sealant with LIQUILON®*

PRODUCT DESCRIPTION

610B Valve Arctic Seal is an excellent cold weather valve lubricant and sealant made with LIQUILON®, commercially known as Teflon®, a solid film lubricant that plates metal surfaces and provides the low friction that protects against corrosion. 610B Valve Arctic Seal offers top performance in extremely cold conditions.

BENEFITS

- Services temperatures up to >450°F (>232°C)
- Prevents galling and seizing
- Provides a seal to protect against leaks
- Contains corrosion inhibitors and extreme pressure additives
- Resistant to HCL

APPLICATION

Recommended applications of 610B Valve Arctic Seal include plug valves, gate valves, high pressure valves, low pressure valves, wellheads, ball valves, hand-operated valves, motor-operated valves, crude oil pipe valves, gathering system valves, valves in extreme low temperature, and highly corrosive areas.

610B Valve Arctic Seal is used in many industries including valve manufacturers, valve rebuilders, pipe line companies, utilities, and industries subject to extreme cold weather conditions.

Apply 610B Valve Arctic Seal by using grease gun or air-operated lubricator.

TYPICAL OBSERVATIONS

Color	Blue
Texture	Smooth
Thickener	Non-soap
Active Component	LIQUILON®*
Manufacturing Process	Fluoromation
Density, lb/gal @ 77°F (25°C)	7.10
Specific Gravity @ 77°F (25°C)	0.851
Dropping Point	>450°F (>232°C)
Flash Point, ASTM D-92	>500°F (>260°C)
Penetration, ASTM D-217 worked @ 77°F (25°C)	300
Base Oil Viscosity	
SUS @ 100°F (37°C)	36.0
cSt @ 40°C (104°F)	4.0
Oil Separation, ASTM D-1742 @ 77°F (25°C)	Nil
Oxidation Stability, ASTM D-942 @ 210°F (98°C), 72 hrs. PSI Loss	3
Shelf Life (unopened container)	Two years

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



**REGISTERED TRADEMARK OF DUPONT

© 2012, BALMAR, LLC Made in U.S.A.

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. 08/26/14

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.