

# 600/1

## VALVE LIFE

### PRODUCT DESCRIPTION

600/1 Valve Life is a superior synthetic valve lubricant and sealant, which minimizes friction during the operation of valves. The lubricating abilities of 600/1 Valve Life allows valves to turn easily, thereby extending the lifetime and performance of the valves. 600/1 Valve Life services temperatures up to 400°F (204°C).

An important feature of 600/1 Valve Life is its resistance to many solvents and chemicals including hydrogen sulfide, crude oil, oilfield brine water, and sea water. It is waterproof and non-hardening. The ability of 600/1 Valve Life to adhere to metal assures protection against rust and corrosion.

### APPLICATION

Some of the industries that use 600/1 Valve Life include valve manufacturers, valve rebuilders, pipeline companies, chemical processing plants, utilities, gathering systems, wholesale distributors, and refineries.

600/1 Valve Life applications include plug valves, gate valves, high or low pressure valves, wellheads, ball valves, hand-operated valves, motor-operated valves, crude oil pipe valves, gathering systems valves, close tolerance valves, and highly corrosive areas.

### TYPICAL OBSERVATIONS

Color	Golden
Texture	Smooth Paste
Density, lb/gal @ 77°F (25°C)	
Bulk	8.05
Stick	8.40
Specific Gravity, @ 77°F (25°C)	
Bulk	0.965
Stick	1.007
Dropping Point, ASTM, D-2265	>500°F (>260°C)
Flash Point, ASTM D-92	445°F (229°C)
Penetration, ASTM D-217 worked @ 77°F (25°C)	
Bulk	240
Stick	100
Base Oil Viscosity, @ 40°C cSt	2345.92
Oil Separation, ASTM D-1742 % wt. loss	<5.0
Corrosion Preventive Properties,	
ASTM D-1742 @ 125°F (51°C)	Pass
Rust Preventative Test, ASTM D-1743	Pass
Water Washout Characteristics,	
ASTM D-1264 @ 100°F (37°C)	Nil
Oxidation Stability, ASTM D-942	
@ 210°F (98°C), 72 hrs. PSI Loss	1.35%
Temperature Range	-4°F to >400°F (-20°C to >204°C)
Shelf Life (unopened container)	Two years

### BENEFITS

- Resists many solvents and chemicals including H<sub>2</sub>S, CO<sub>2</sub>, crude oil, oilfield brine water, and sea water
- Insoluble in water
- Minimizes friction during operation
- Will not separate
- Provides excellent leak resistance
- Contains no bentonite or soap
- Protects against rust and corrosion
- Non-melting
- Waterproof
- Economical
- Extends lifetime and performance of valves

- ▶ FRAC
- ▶ FLUSH
- ▶ ARCTIC
- ▶ STORAGE
- ▶ SEALANTS
- ▶ CLEANERS
- ▶ ASSEMBLY
- ▶ BALL VALVE LUBRICANTS
- ▶ GATE VALVE LUBRICANTS
- ▶ PLUG VALVE LUBRICANTS
- ▶ STICK PACKING



Liquid-O-Ring<sup>®</sup>\*

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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

Made in U.S.A. 05/14/18

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