

**FORGED STEEL BONNETLESS BLOWDOWN VALVES 1/2" - 2" (15-50 mm)**

PART	LUBRICATION	APPLICATION	FREQUENCY
Stem threads	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	Directly to threads	When threads appear dry
Yoke bushing	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	Inject through grease fitting at hub of yoke	Concurrently with stem thread lubrication
All threaded parts except stem and yoke nut	- Anti-seize compound No. 425-A (Crane) or equivalent - Nickel Anti-Seize to MIL-A-90TE or MOLYKOTE P37	Thin coat on threads	On valve assembly only

Reference maintenance manual VEL-BDVM (Table B). The next revision will reflect above changes.

**FORGED STEEL VALVES 1/4" - 2" (8-50 mm)**

**BOLTED BONNET GATE, GLOBE, PISTON, BALL & SWING CHECK VALVES  
WELDED BONNET GATE, GLOBE AND CHECK VALVES**

PART	LUBRICATION	APPLICATION	FREQUENCY
Stem threads	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	Directly to threads	When threads appear dry
Yoke bushing	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	With stem thread lubrication or through grease fitting at hub yoke	With stem thread lubrication
Spiral wound gasket	Neolube (graphite and mineral spirits)	Thin coating on all surfaces	At valve assembly only
All threaded parts except stem and yoke bushing	- Anti-seize compound No. 425-A (Crane) or equivalent - Nickel Anti-Seize to MIL-A-90TE or MOLYKOTE P37	Thin coat on threads	At valve assembly only

Reference maintenance manual VEL-SFVM (Table A). The next revision will reflect above changes.

**CAST STEEL VALVES 2" - 48" (50-1200 mm)**

**BOLTED BONNET GATE, GLOBE AND CHECK VALVES**

Part	Lubrication	Application	Frequency
Stem threads	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	Directly to threads	When threads appear dry
Stem nut and bearings	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	Inject through grease fitting at hub of yoke	Concurrently with stem thread lubrication
All threaded parts except stem and stem nut	- Anti-seize compound No. 425-A (Crane) or equivalent - Nickel Anti-Seize to MIL-A-90TE or MOLYKOTE P37	Thin coat on threads	On valve assembly only

Reference maintenance manual VEL-CFVM (Table 4.3). The next revision will reflect above changes.

- NOTE:**
1. Recommended lubrication, subject to change without notice.
  2. This information is not complete, and must not be used without first consulting the latest version of the referenced maintenance manual.

**FORGED STEEL VALVES BOLTED BONNET 2 1/2" - 24" (65-600 mm)**

**GATE, GLOBE, PARALLEL SLIDE AND CHECK VALVES**

**PRESSURE SEAL VALVES 2" - 24" (50-600 mm)**

**CAST AND FORGED STEEL, GATE, GLOBE, PARALLEL SLIDE AND CHECK VALVES**

PART	LUBRICATION	APPLICATION	FREQUENCY
Stem threads	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	Directly to threads	When threads appear dry
Yoke nut and bearings	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	Inject through grease fitting at hub of yoke	Concurrently with stem thread lubrication
All threaded parts except stem and yoke nut	- Anti-seize compound No. 425-A (Crane) or equivalent - Nickel Anti-Seize to MIL-A-90TE or MOLYKOTE P37	Thin coat on threads	On valve assembly only

Reference maintenance manual VEL-FBBM (Table 4.3) and VEL-FPSM-99 (Table 4.3). The next revision will reflect above changes.

**FORGED Y-PATTERN BONNETLESS GLOBE VALVES 1/4" - 4" (8-100 mm)**

PART	LUBRICATION	APPLICATION	FREQUENCY
Stem threads	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	Directly to threads	When threads appear dry
Yoke bushing, yoke nut and bearings	Exxon: Ronex MP, Castrol MP or equivalent MP group (up to 650°F) Ronex Extra duty 2 (above 650°F)	With stem thread lubrication or through grease fitting at yoke	With stem thread lubrication
Spline bushing	Sure Turn Releasall No. 1548016	Directly to threads	At valve assembly only
All other threaded parts	- Anti-seize compound No. 425-A (Crane) or equivalent - Nickel Anti-Seize to MIL-A-90TE or MOLYKOTE P37	Thin coat on threads	At valve assembly only


Reference maintenance manual VEL-FBGM (Table A). The next revision will reflect above changes.

**GEAR ACTUATORS**

Recommended lubricant	Frequency
Brand: Daikyo No. 2 Mobile No. 28 Century Oils CL2X	only if you note there is no grease in the actuator

Recommended silicone sealer	Frequency
Dow Corning Silastic No. 732-RTV	Only when gearbox is dismantled

Reference maintenance manual VEL-GAM (Table 2). The next revision will reflect above changes.

		SERVICE PROCEDURE	
RECOMMENDED LUBRICATION FOR VELAN MANUFACTURED PRODUCTS			SVP# 074
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