

EB-6: Lubricant/Chemical List & General Use

ELASTOMERIC O-RINGS: The lubricant specified for elastomeric o-rings is "Krytox" (GO p/n 095000). It is to be used on elastomeric o-rings (such as Viton®, buna or Kalrez®) where a lubricant is specified for use. Apply to cap seal o-ring on PR-5X series and BP-6X series regulators.

TEFZEL® / TEFLON® O-RINGS: Assemble clean and dry without lubricant of any kind.

METAL O-RINGS: Assemble clean and dry without lubricant of any kind.

CAPS: Brass bodies / aluminum cap products receive no lubricant on threads. All other products (aluminum, stainless, etc.) receive Krytox (p/n 095000) on threads.

ADJUSTING SCREWS: (1) Standard PR-1 adjusting screws are sprayed with polyube (p/n 095005). (2) Molygraph (p/n 095013) is used in high temperature applications such as the following: PR-9 and HPR-2. It is also used in Belleville washer regulator adjusting screws such as PR-1, PR-2, CYL-20, CPR-1, etc. (3) The general lubricant for adjusting screws other than numbers (1) and (2) is Lubrimatic (p/n 095004).

SPRING BUTTONS: Lubrimatic (p/n 095004) is the standard lubricant for all spring buttons. Molygraph (p/n 095013) is used on all high load / high temperature applications such as those listed for adjusting screws.

HPR-2 HEATER / THERMISTOR CARTRIDGES: Apply Molykote 321 spray (p/n 095010) and allow to dry before insertion.

HPR-2 ELECTRIC, ISSeP CERTIFIED UNIT: Use Loctite 242 (p/n 095012) on the ground NPT plug (p/n 109818) threads and on both threads of the block to conduit reducer (p/n 046500).

PR-1 SELF RELIEVING POPPET SEALS: Use 5-minute epoxy (p/n 095014) to hold seal material to the retainer.

GO INC . LUBRICANT & CHEMICAL LIST

| GO PART NO. | NAME | MANUFACTURER | DESCRIPTION |
|-------------|------------------|--------------|---------------------------------|
| 095000 | Krytox | DuPont | PFPE grease |
| 095004 | Lubrimatic | Witco Corp. | H.D. Lithium grease |
| 095005 | Polyube Spray | Clenesco | Thick spray lube |
| 095010 | Molykote 321 | Dow Corning | MoS ₂ dry film spray |
| 095012 | Threadlocker 242 | Loctite | Med strength anaerobic compound |
| 095013 | Moly-Graph #3141 | Sta-Lube | MoS ₂ / Li grease |
| 095014 | 5-min. Devcon | Devcon | 5 min., 2-part epoxy cement |