

### **PLUG AND BALL VALVE GREASING INSTRUCTIONS**

**RDI** cannot anticipate all operating conditions valves will face in use. Therefore, **RDI** cannot specify recommended service intervals for all users. It is the user's responsibility to examine the individual conditions and set their own maintenance schedule. As a minimum, **RDI** suggests the following steps are followed:

1. ALL **RDI VALVES** ARE TO BE GREASED IN THE OPEN POSITION!
2. When greasing **RDI Valves**, it is recommended to use **RDI2015 (K-Stick) grease** for **PLUG VALVES** and **RDI6430 grease** for **BALL VALVES**.
3. Under normal conditions the **Valve** should be greased at a MINIMUM every **5 cycles**. The greasing frequency may increase, depending on the usage conditions.
4. More frequent greasing is recommended should the **Valve** be exposed to any of the following:
  - a. High Temperature
  - b. Presence of H<sub>2</sub>S, CO<sub>2</sub>
  - c. Condensate or Distillates
  - d. High Flow Rates
  - e. Abrasives (sand)
5. GREASE IMMEDIATELY if the **Valve** exhibits "sticking" or if more torque than normal is required to cycle - this indicates a severe lack of grease in the **Valve**.
6. RDI does not recommend greasing the **Valve** while it is pressurized.
7. When greasing, ensure the **Valve** is in the open position and monitor the grease gun pressure gauge while pumping grease into **Valve**. Pump grease until a recommended grease pressure of **3,000 PSI** is achieved. Pumping grease pressure **more than 4,000 PSI** may cause damage to and/or locking of the **Valve**.
8. Grease **Valve** then function from the open to closed position and back to the open position, repeating this process at least 3 times. If a popping sound of trapped air being released still occurs when functioning the **Valve**, repeat greasing process until air release no longer occurs.
9. Given the volume requirements of **Valves 3" and larger**, it is recommended that the operator use a pneumatic grease pump.
10. For low temperature applications (below -40°C / -40°F), RDI recommends using **RDI6430 grease**.



## VALVE GREASING LOG

1. Company Name: \_\_\_\_\_ (Your Company)
2. Operator Name: \_\_\_\_\_ (Your Name)
3. Oil Company: \_\_\_\_\_ (Your Client)
4. Well Location: \_\_\_\_\_ (LSD/ Work Site)
5. Check all that Apply: ☐ High Flow Rate ☐ Abrasives ☐ High Temperature  
☐ H2S ☐ CO2 ☐ Condensate

Grease Brand/Part #: \_\_\_\_\_

DATE	TIME	MANIFOLD NUMBER	VALVE NUMBER	PRESSURE READING	INITIAL TO CONFIRM

