Valve Maintenance Products and Repairs for the Oil and Gas Industry.
Welcome to CSN Solutions, Inc. My name is Chad S. Niesner and I have been helping customers just like you with Valve Maintenance Products and Repairs for the Oil and Gas Industry for over 20 years. What makes CSN Solutions, Inc. different from other companies is our products are built on field experience. Real solutions to help you in the field or shop.

- Manual Hand Held Grease Guns
- Air/Hydraulic Grease Guns
- Air Operated Grease Pumps
- Gun Hoses and Accessories
- Gun Repair Department – All Models
- Specialty Lubricants, Cleaners and Sealants
- Specialty Stem Packings
- Pipeline Valve Adapter Kits
- Valve Lubrication Adapters and Tools
- Valve Fittings
- Hands On Valve and Actuation Training
- Actuator, Controls and Gear Box Repairs

If you have a question, we have the answer. If you have a problem, CSN has the Solution.
Auto Hand Gun

Part #: AHG-01

No more twisting the Tee Handle to reload the gun like other models. The 10,000 psi Auto Hand Gun automatically pushes the grease towards the head of the gun allowing you to pump grease until empty. The Auto Hand Gun weighs only 7.5 lbs, that is half the weight of other brands. Reloading is easy, simply pull back the Tee Handle to the first notch and load either a Cartridge or “J” Stick of grease. Pull the Tee Handle further back to the second notch and the Auto Hand Gun will accept a “K” Stick. The Auto Hand Gun is equipped with a built-in safety check valve and comes with your choice of a ¼” high pressure tee, 15,000 psi gauge with cover, 18” high pressure hose and a giant button head coupler. The Auto Hand Gun dispenses one ounce of grease every 25 strokes of the handle. The Auto Hand Gun is perfect for lubricating Manifold Plug Valves, Smaller Ball and Gate Valves on the Pipeline and Rockwell Plug Valves in Utility Districts. So basically, the Auto Hand Gun is the lightest, safest, most versatile and easiest gun on the market today.

Stop Twisting on the Handle and get yourself an Auto Hand Gun.

Part #: AHG-02

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Email: Chad@csn-inc.net
Hydraulic Hand Guns

The **Hydraulic Hand Gun Packing/Grease Gun** can be used to inject packing or grease. The **HHG-PG** is a 10,000 psi Packing/Grease Gun equipped with a 15,000 psi Gauge, 24” Large Inner Diameter Hose and Giant Button Head Coupler. Recommend for Stuffing Boxes, Valve Stems and Injecting grease in any type of lubricated valve. Simply load a “J” stick of lubricant, Stick of Stem Packing and or Liquids into a **HHG-Z** to seal packing leaks, lubricate or clean valves at your location. When using cartridge grease a cartridge loader must be ordered.

The **Hydraulic Hand Gun with Z-Swivel** is a 10,000 psi Grease Gun equipped with a High Pressure Tee, 15,000 psi Gauge, Z-Swivel, 18 Hose and Giant Button Head Coupler. Recommend for lubricating Manifold Plug Valves, Transmission Plug and Ball Valves and Distribution Low Pressure Plug Valves. Simply load a “J” stick of lubricant and or Liquids into a **HHG-Z** to lubricate or clean valves at your location. When using cartridge grease a Cartridge Loader must be ordered.
The Yellow Jacket is an Air/ Hydraulic, 10,000 psi, Frame Mounted Grease Gun with K- Barrel and a 6ft Hose Assembly. The Yellow Jacket is one of the lightest and most compact air/hydraulic grease gun on the market today. The four rubber legs allow you to place the unit on all kinds of uneven surfaces to get closer to your work area. The large circular opening in the frame allows you to add hydraulic oil if necessary. Loading the Yellow Jacket is a snap. Just simply stand the unit up, press down on the RELEASE pedal, unscrew the sealant cap with hose assembly, press down the piston with the handle, load either a “J” or “K” stick, replace sealant cap, lay the unit down, connect air supply, connect giant button head coupler to valve fitting and press down on the PUMP pedal. If you maintain a pipeline full of valves or recertify manifold plug valves, the Yellow Jacket is the gun for you.

Note: Cartridge grease can only be used with a Cartridge Loader.
The 1990 Collection

The 1992 Air/Hydraulic Grease Gun which generates 10,000 psi and is equipped with a J-Barrel, 18” Hose Assembly with Giant Button Head Coupler, 15,000 psi Gauge with Cover, Handle and Quick Disconnect Couplers on the hydraulic lines.

The 1993 Air/Hydraulic Stem Packing Gun generates 10,000 psi and comes with a J-Barrel with a ½-20” Packing Adapter, 15,000 psi Gauge with Cover, Handle and Quick Disconnect Couplers on the hydraulic line. The 1993 is perfect for Gate and Orbit Style Valves.

The 1994 is a Grease Gun and a Stem Packing Gun. Equipped with a 10,000 psi Air/Hydraulic Pump, J-Barrel, 18” Hose Assembly, 15,000 psi Gauge with Cover, Handle, 1/2-20” Packing Adapter and Quick Disconnects Couplers on the hydraulic lines.
Air Operated Grease Pumps

Part # 100-16G

100:1 Air Operated, 16 Gallon Grease Pump with the Following Features:

1. Air Inlet Shut On/Off Valve
2. Follower Plate and Spring
3. Quick Disconnect Hose-Disconnect to change drum
4. 20ft High Pressure Hose
5. Z-Swivel – Maneuver 360 degrees
6. Needle Valve – Controls Grease Flow
7. Tee with Gauge and Cover
8. 18” High Pressure Hose
9. Release Valve- Close valve to remove Coupler
10. Giant Button Coupler or Screw On Coupler – Your Choice

Part # 100-16G-D (Heavy Duty Dolly)

100:1 Air Operated, 16 Gallon Grease Pump with the Following Features:

1. Air Inlet Shut On/Off Valve
2. Follower Plate and Spring
3. Quick Disconnect Hose-Disconnect to change drum
4. 20ft High Pressure Hose
5. Z-Swivel – Maneuver 360 degrees
6. Needle Valve – Controls Grease Flow
7. Tee with Gauge and Cover
8. 18” High Pressure Hose
9. Release Valve- Close valve to remove Coupler
10. Giant Button Coupler or Screw On Coupler
Air Operated Grease Pumps

Part # 100-5G
100:1 Air Operated, 5 Gallon Grease Pump with the following features:

1. Air Inlet Shut On/Off Valve
2. Follower Plate and Spring
3. Quick Disconnect Hose-Disconnect to change pail
4. 20ft High Pressure Hose
5. Z-Swivel – Maneuver 360 degrees
6. Needle Valve – Controls Grease Flow
7. Tee with Gauge and Cover
8. 18” High Pressure Hose
9. Release Valve- Close valve to remove Coupler
10. Giant Button Coupler or Screw On Coupler – Your Choice

Part # 100-5G-D (Heavy Duty Dolly)
100:1 Air Operated, 5 Gallon Grease Pump with the following features:

1. Air Inlet Shut On/Off Valve
2. Follower Plate and Spring
3. Quick Disconnect Hose-Disconnect to change pail
4. 20ft High Pressure Hose
5. Z-Swivel – Maneuver 360 degrees
6. Needle Valve – Controls Grease Flow
7. Tee with Gauge and Cover
8. 18” High Pressure Hose
9. Release Valve- Close valve to remove Coupler
10. Giant Button Coupler or Screw On Coupler
10lb Pail Grease Guns

**Activ-8 Part# A8-GUNC**
The Activ-8 Sealant Injection Gun allows the user to load 2 ounces of product into the gun’s barrel with every stroke of the Jack Handle. The Activ-8 is capable of generating 10,000 psi and powered by an Air/Hydraulic Pump. Standard models come with a 10ft Hose Assembly but you can also get a 15ft, 20ft, 25ft and 30ft.

**Hypregun Part # HGP-GUNC**
The Hypregun Plus will generate 10,000 psi with only a 100 psi of air pressure. Simply attach the air supply, open the throttle valve and screw in the Valve Screw clockwise to create pressure and counterclockwise to release pressure. The Hypregun Plus is equipped with pneumatic wheels and a 10ft Hose Assembly. It’s hard to determine how much grease is being injected into a valve on the Hypregun Plus but this would be a great chance to add a Digital Flow Meter.

**Grease Pump Accessories**

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<thead>
<tr>
<th>DFM-2</th>
<th>MAFRL-2</th>
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<tbody>
<tr>
<td>Add a Digital Flow Meter to your unit to determine how much grease is being injected in each valve. ¼”NPT Female Ports</td>
<td>A Mini ¼” Air Filter/Regulator /Lubricator allow you to remove moisture from the system, regulate air pressure and lubricate the components inside the Air Motor. Give us a call if you have a question.</td>
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**HR-50FT-ASSY**
Our 50ft Hose Reel Assembly come with a High Pressure Hose Reel, 50ft of High Pressure Hose, a Hose Stop, Jumper Hose and Flow Control Hose Assembly. Rated to 10,000 psi
# Gun Hoses, Hose Assemblies and Accessories

## 18” High Pressure Hoses:

- **H-18-127** – 18” High Pressure Hose with 1/2-27” Female Hose Ends, 1/4” ID
- **H-18-2M127** – 18” High Pressure Hose with 1/4” Male Swivel X ½-27” Female Hose Ends, 1/4” ID
- **H-18-2M2MS** – 18” High Pressure Hose with 1/4” Male X 1/4” Male Swivel Hose Ends, 1/4” ID

## Special Packing Hoses:

- **H-24-2MS** – 24” High Pressure Hose with 1/4” Male Swivel Hose Ends, 3/8” ID
- **H-36-3M2MS** – 36” High Pressure Hose with 3/8” Male X 1/4” Male Swivel Hose Ends, 3/8” ID
- **H-18-3M2MS** – 18” High Pressure Hose with 3/8” Male X 1/4” Male Swivel Hose Ends, 3/8” ID

## Activ-8 and Hypregun Hoses:

- **H-10FT-127** – 10ft High Pressure Hose with 1/2-27” Female Hose Ends, 3/8” ID
- **H-15FT-127** – 15ft High Pressure Hose with 1/2-27” Female Hose Ends, 3/8” ID
- **H-20FT-127** – 20ft High Pressure Hose with 1/2-27” Female Hose Ends, 3/8” ID
- **H-30FT-127** – 30ft High Pressure Hose with 1/2-27” Female Hose Ends, 3/8” ID

## Air Operated Grease Pump Hoses:

- **H-10FT-3MS127** – 10ft High Pressure Hose with 3/8” Male Swivel X 1/2-27 Female Hose Ends, 3/8” ID
- **H-20FT-3MS127** – 20ft High Pressure Hose with 3/8” Male Swivel X 1/2-27 Female Hose Ends, 3/8” ID
- **H-30FT-3MS127** – 30ft High Pressure Hose with 3/8” Male Swivel X 1/2-27 Female Hose Ends, 3/8” ID

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## Flow Control Hose Assembly

The Flow Control Hose Assembly will attach to all of our 5 gallon and 16 gallon Air Operated Grease Pump Hoses. The Flow Control Hose Assembly consist of a Z-Swivel, 10,000 psi Needle Valve, High Pressure Tee, 15,000 psi Gauge with Cover, 18” Hose, Release Valve and your choice of a Giant Button Head Coupler or a Screw On Coupler for Gate Valves.
### Quick Disconnect Couplers:

- **QDC-10K-2MF** – 1/4” Male and Female Quick Disconnect Couplers, 10,000 psi rated
- **QDC-10K-3MF** – 3/8” Male and Female Quick Disconnect Couplers, 10,000 psi rated

### Button Head Couplers

- **GBHC-N** – Giant Button Head Coupler with Nylon Button, 1/4” Inlet
- **GBHC-S** – Giant Button Head Coupler with Steel Button, 1/4” Inlet
- **GBHC-A** – Giant Button Head Coupler Automatic Style with Steel Button, 1/4” Inlet
- **GBHC-18** – Giant Button Head Coupler with 1/8” NPT Female Inlet
- **SBHC-14** – Small or Standard Button Head Coupler with 1/4” NPT Female Inlet
- **GBHC-TSR** – Giant Button Head Coupler with Thumb Screw Relief
<table>
<thead>
<tr>
<th><strong>Straight Swivels</strong></th>
<th><strong>Release Valve</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ST-2M127</strong> - 1/4” Male X 1/2-27” Male Straight Swivel</td>
<td><strong>RV-2M2F</strong> Release Valve, 1/4” Male X 1/4” Female</td>
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<tr>
<td><strong>ST-2M2M</strong> – 1/4” Male X 1/4” Male Straight Swivel</td>
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<thead>
<tr>
<th><strong>L- Swivels</strong></th>
<th><strong>1/4” Female High Pressure Tee</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>L-2M127</strong> - 1/4” Male X 1/2-27” Male L-Swivel</td>
<td><strong>HPT-2FFF</strong></td>
</tr>
<tr>
<td><strong>L-2M2M</strong> – 1/4” Male X 1/4” Male L-Swivel</td>
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<thead>
<tr>
<th><strong>Z- Swivels</strong></th>
<th><strong>1/4” X 1/4” Hex Male Adapter</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Z-2M127</strong> – 1/4” Male X 1/2-27” Male Z-Swivel</td>
<td><strong>MA-2M2M</strong></td>
</tr>
<tr>
<td><strong>Z-2M2M</strong> - 1/4” Male X 1/4” Male Z-Swivel</td>
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<thead>
<tr>
<th><strong>2.5” High Pressure LM Gauges</strong></th>
<th><strong>2” High Pressure Gauges</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>G-15K-2.5BC</strong> 2-1/2” 0-15,000 psi Gauge and Cover with 1/4”NPT Bottom Connection.</td>
<td><strong>G-15K-2</strong> 2” 0-15,000 psi Gauge with 1/4”NPT Bottom Connection.</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th><strong>10,000 psi Needle Valve</strong></th>
<th><strong>2.5” High Pressure BLM Gauges</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NV-10K-2FF-SS</strong> 1/4” NPT Female Needle Valve, Stainless Steel</td>
<td><strong>G-15K-2.5LBC</strong> 2-1/2” 0-15,000 psi Gauge and Cover with 1/4” NPT Lower Back Connection.</td>
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<tr>
<th><strong>High Pressure Extended Tee</strong></th>
<th><strong>High Pressure Extended Tee</strong></th>
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<tr>
<td><strong>HPET-3M2FF</strong> 3/8” NPT Male X 1/4” Female Extended Tee (4.25” Long)</td>
<td><strong>HPET-2MFF</strong> 1/4” NPT Male Extended Tee (4.25” Long)</td>
</tr>
</tbody>
</table>
Grease and Packing Gun Repair Department

Our team at CSN Solutions has been repairing all types of Air Operated Grease Pumps, Air/Hydraulics, and Manual Types Grease and Packing Pumps for over 20 years. No matter who manufacturers it, chances are we have repaired it. We will return your unit cleaned, completely rebuilt from head to toe and pressure tested. We want to make sure that when you receive your rebuilt unit from CSN Solutions it works the first time and every time.

Send All Your Repairs to:
CSN SOLUTIONS, INC.
11311 Jones Rd. West, Suite J
Houston, TX. 77065
Attn: Chad Niesner

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Fax: 281-469-4298
Email: Chad@csn-inc.net
EQUAL 280
Valve Lubricant

Routine Valve Maintenance Lubricant

EQUAL 280 LUBRICANT is a special routine valve maintenance lubricant that was designed for pipeline valves such as Plug, Ball and Gate Valves. EQUAL 280 was designed with the focus to: 1. Reduces Operating Torque which allows the valve to operate easily. 2. Keeps contaminates such as trash from entering the seat sealing area. 3. Prevents galling on mated metal seating surfaces. EQUAL 280 is recommended for natural gas, aliphatic hydrocarbons, crude distillates, crude oil, diesel fuel, hydrocarbon liquids, kerosene, LPG and inhibited for H2S and CO2. Keep your valve operating smoothly and sealing with Equal 280.

PROPERTIES:

- ASTM Penetration: 250-300
- Base Oil: Synthetic
- Temp Range: 0°F to 400°F
- Color: Tan

EQUAL 280 VALVE LUBRICANT is available in:

- EQ280-K - 12 ea “K” Sticks to a box
- EQ280-J - 16 ea “J” Sticks to a box
- EQ280-CT - 10 ea Cartridges per box
- EQ280-10 - 10 lb Pail
- EQ280-5G - 5 Gallon Pail
- EQ280-16G - 16 Gallon Drum
Red Devil`s Multi-Purpose Valve Lubricant was created to lubricate Ball Valves, Gate Valves and Plug Valves in many different kinds of services. No matter if you have a Pipeline Valve, Distribution Valve, Wellhead Valve or a Manifold Valve, Red Devil`s Multi Purpose Valve Lubricant is the right choice. Red Devil`s Multi Purpose Valve Lubricant is made from 100% synthetic materials and is resistant to a wide range of services such as Natural Gas, Crude, Jet Fuels, Organic Condensates, Gasoline, H2S, Below 40% CO2, organic acids, water, lubricating oils and suitable for hydrocarbon gasses. The Moly-Disulfide in the formulation adds extra lubricity to Red Devil`s Multi Purpose Valve Lubricant while the ultra fine graphite helps seal the valve. It truly is, “The One Product that does it all.” If you have any questions at all, please contact CSN Solutions, Inc.

Temperature Range:

- Temperature range: -29°F to 400°F
- Color: Black
- Corrosion Inhibitor: Imidazoline Derivative

Red Devils Multipurpose Valve Lubricant is available in:

- RDMP-CT - 10 ea Cartridges per box
- RDMP-K - 12 ea “K” Sticks to a box
- RDMP-J - 16 ea “J” Sticks to a box
- RDMP-10 - 10lb Pails
- RDMP-5G - 5 Gallon Pail
- RDMP-16G- 16 Gallon Drum

Have a question? Give us a call.
Low Torque Plug Valve Lubricant was specially designed for TE and LT Manifold Plug Valves. **Low Torque Plug Valve Lubricant** prevents unwanted material from scraping and grinding the plug valve sealing surfaces and delivers a true 100% bubble tight seal. **Low Torque Plug Valve Lubricant** is made from 100% synthetic materials and has a special additive which significantly reduces the operation torque on a TE and LT manifold plug valves. Regular greasing with **Low Torque Plug Valve Lubricant** will increase the service life of the internal parts of the valve. **Low Torque Plug Valve Lubricant** is resistant to natural gas, crude oil, organic acids, water, gasoline, jet fuel, lubricating oils, condensates, water, hydrocarbon gasses and is inhibited for use in H2S and CO2. **Low Torque Plug Valve Lubricant** is equivalent to the costly products on the market today.

**Properties:**

- Consistency, Cone Penetration (D-217) 250 to 265
- 100% synthetic
- Temperature range: 0 to 400°F
- Corrosion Inhibitor - Imidazoline Derivative
- Color: Black

**Low Torque Plug Valve Lubricant** is available in:

- LT-K - 12 ea “K” Sticks to a box
- LT-J - 16 ea “J” Sticks to a box
- LT-V4 - 4 ea 5lb “V” Sticks to a box
- LT-CT - 10 ea Cartridge per box
- LT-10 - 10lb Pails
- LT-5G - 5 Gallon Pail
- LT-16G - 16 Gallon Drum
Four Seasons Valve Lubricant is a special Pipeline Valve Lubricant that was designed for customers in colder climates at first but then we realized the special formula also works great all year round. Four Seasons Valve Lubricant will stay consistent in any climate. No matter if it’s Spring, Winter, Fall or Summer, keep your Plug, Ball and Gates Valves turning and sealing with Four Seasons Lubricant.

Four Seasons Valve Lubricant is recommended for the use in Plug, Ball and Gate Valves in natural gas, sour crude, crude oil, condensate and Fuels.

Properties:

- ASTM Penetration: 220-260
- Base Oil: Synthetic
- Temperature Range: -50°F to 300°F
- Texture: Tacky
- Color: Gray
- Excellent Corrosion Resistance

Four Seasons Valve Lubricant is available in:

- FS-10 - 10 lb Pail
- FS-CT - 10 ea Cartridges per box
- FS-5G - 5 Gallon Pail
- FS-16G - 16 Gallon Drum
**Peanut Butter Body Filler** is a NON-ABRASIVE lubricant/sealant that will not destroy the internal valve components as well as critical down tube rods in your grease pump. **Peanut Butter Body Filler** lubricates and seals WKM, Cameron, Mc-Evoy Style Wellhead Gate Valves handling water, gas, oil petroleum products such as gasoline, butane, hydrocarbon vapors, ammonia, glycerin, solvents and sour gas. Protect the Gate and Seats in your Wellhead Gate Valve with **Peanut Butter Body Filler**.

Don’t forget to order a SOBB and a SOC-114 when filling the body of a gate valve.

**Properties:**

- Appearance - light brown
- Density - 9.35 to 9.55 lbs/gal
- Oil Separation will not occur
- Corrosion Inhibitor – Imidazoline
- EP Additive - Diester Type
- Temperature range: -30 to 250°F

**Peanut Butter Body Filler** is available in:

- PBBF-10 - 10 lb Pail
- PBBF-5G - 5 Gallon or 50 lb Pail
- PBBF-16G - 16 Gallon or 150lb Drum
Severe Service Lubricant

Severe Service Lubricant is most commonly used in CO2, H2S, Liquid Natural Gas, Methanol, Crude Oil, Water, Strong Acids, Natural Gas, Fuels and is suitable for hydrocarbon gases. Severe Service Lubricant high metal adhesion, bonds to the metal surfaces reducing wear due to strong acids. Severe Service Lubricant is 100% Synthetic and has an anit-wear, anti-rust and corrosion inhibitors to protect from damaging effects due to corrosion. Severe Service Lubricant has a wide temperature range and is highly chemical resistant, which makes it the perfect choice for you valves in the plant or in the field. Do not use in Oxygen.

Properties:

Color: Clear/White
Temperature Range: -70° to 600° F
Cone Penetration: 250 to 270
Rust Preventative Test: ASTM D-1743 Pass

Severe Service Lubricant is available in:

SS-CT - 10 ea Cartridges per box
SS-10 - 10lb Pail
SS-5G - 5 Gallon Pail
SS-16G - 16 Gallon Drum

Have a question? Give us a call.
Royal Valve Flush penetrates and pushes out hardened sealants and lubricants that contain fillers and solids used by other companies. Royal Valve Flush is gold colored, water resistant, corrosion resistant and has a temperature range of -20°F to +400°F. Royal Valve Flush is safe, bio-degradable, contains no solvents, non-hazardous and is compatible with many other lubricants and sealants in the industry. Royal Valve Flush is most commonly used in Ball Valves but can be used in Plug and Gate Valves as well.

Instructions:

1. Make sure the Valve is in the Open or Closed Position.
2. Inject the correct amount of Royal Valve Flush into each seat injection fitting.
3. Wait one to six hours to allow Royal Valve Flush to penetrate the hardened sealants and lubricants.
4. Inject the same amount of Royal Valve Flush to push contaminates downstream.
5. Fully operate the Valve three time if possible
6. If you still have issues with the valve, contact CSN Solutions Inc.

Royal Valve Flush is available in:

- RVF-QT - Quart Bottle
- RVF-10 - 10 lb Pail
- RVF-5G - 5 Gallon Pail
EXTRA STRENGTH VALVE CLEANER

Extra Strength Valve Cleaner is not a Flush. Extra Strength is a “VALVE CLEANER”. Many other products in bottles are just made up of oils. Extra Strength Valve Cleaner dissolves harden grease with its special formula of Penetrants and Detergents. Extra Strength Valve Cleaner will penetrate Hard To Turn Valves, Seized Valves, Blocked Sealant Lines, Sticking Valve Seats and allow you to operate the valve freely. Once the valve operates smoothly inject one of CSN Solutions Valve Lubricants to keep the sealant channels free flowing and the valve operating easily.

If you have any questions, please contact CSN Solutions, Inc.

Extra Strength Valve Cleaner is available in:

- EXS-CT - 10 ea Cartridges per box
- EXS-10 - 10lb Pail
- EXS-5G - 5 Gallon Pail
Seal It

EMERGENCY VALVE SEALANT

“Don`t Remove a Leaky Valve from the Pipeline, Seal It.”

Some Emergency Valve Sealants on the market today set-up or can only be used in larger valves due to the particle size of flakes. Seal It Emergency Valve Sealant can be used by anyone in the field, on any valve with sealant injection fittings. Seal It Emergency Valve Sealant does not contain white flakes, which makes it safe for large or small valves. Seal It Emergency Valve Sealant should only be used after you have verified the valve is in the fully closed position and the seats are leaking. Seal It Emergency Valve Sealant will seal most leaks but not all. If you have a large leak or a question, please contact CSN Solutions, Inc.

Seal It Emergency Valve Sealant is available in:

- SI-CT - 10 ea Cartridges per box
- SI-10 - 10 lb Pail
- SI-5G - 5 Gallon Pail
# RT Valve Stem Packing`s

## RTB (BLUE) Valve Stem Packing

**RTB Valve Stem Packing** is the most common Stem Packing used because of its High Temperature Range and wide range of services. RT Blue Stem Packing is suitable for application on distillate petroleum solvents, crude oil, LPG, natural gas, steam and aqueous solutions, glycols, water, vegetable oils, dilute acids, alkalies, Carbon Dioxide, Hydrogen Sulfide, and hydro-lubes.

- **Color:** Blue
- **Temperature Range:** -85°F to 600°F

### Part Numbers:

- **RTB-STICK** – 2 ea 7” long Packing Gun Sticks
- **RTB-JAR** – Jar of 100 ea 1/2” X 3/8” sticks.

## RTFF (For Fuels) Valve Stem Packing

**RT FF Valve Stem Packing** is a special formulation for fuels and fuels with MTBE. It is suitable for application on regular and premium (no lead gasoline), diesel fuel, Jet A fuel, distillate petroleum solvents.

- **Color:** Gray/Dark Green
- **Temperature Range:** -20°F to 450°F

### Part Numbers:

- **RTFF-STICK** – 2 ea 7” long Packing Gun Sticks
- **RTFF-JAR** – Jar of 100 ea 1/2” X 3/8” sticks.
CSN Solutions has come up with a Valve Adapter Kit especially created for Pipeline Valves. Many other kits have fittings that either are a duplicated or have adapters that can’t be used on the pipeline. This is a waste of money and very confusing for the customer. Every single adapter in the CSN Solutions Pipeline Valve Adapter Kit can be used on Plug, Ball and Gates Valves. Here is a list of our adapters and their uses:

1. **SOBB** – The Screw-On Body Bleed can be used to Vent/Drain pressure from a gate valve body. The Pipe allows you to direct the flow.
2. **SPRB** – The Stem Packing Relief Bolt allows the operator to relief pressure from an over packed stem area.
3. **GBHC-N** – The Giant Button Head Coupler can be added to any grease gun if the old one leaks.
4. **GBHLA-114** – The Giant Button Head 1-14” Lube Adapter was designed for Gate Valve fittings and also works on threaded button heads.
5. **GBHLA-3416** – The Giant Button Head Lube Adapter 3/4”-16 Lube Adapter was designed for Small Button Head Fittings on Cameron Ball Valves.
6. **CGBHSPA-716** – The Capped Giant Button Head Stem Packing Adapter was designed to add stem packing to an Orbit Style Valve with a Packing Gun.
7. **CGBHSPA-12** – The Capped Giant Button Head Stem Packing Adapter was designed to add stem packing to an Orbit Style or Gate Valve with a Packing Gun.
8. **02 each GBH-PB** – The Giant Button Head Piggy Back Fitting allows the operator to seal a leaky giant button head on a valve.
# Valve Lubrication Adapters and Tools

## Gate Valve Lubrication Adapter

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBHLA-114</td>
<td>Giant Button Head Gate Valve Lubrication Adapter, 1-1/4&quot; Female</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

## Cameron Ball Valve Adapter

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBHLA-3416</td>
<td>Giant Button Head Cameron Ball Valve Lubrication Adapter, 3/4-16&quot; Female</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

## Pressure Release Tool with Nipple

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOBB</td>
<td>Screw-On Body Bleed Tool with Nipple that allows you to Drain or Vent.</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

## Screw-On Coupler

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC-114</td>
<td>1-1/4&quot; Screw-On Coupler to Lubricate Gate Valves, 1/4&quot; Male Inlet.</td>
</tr>
</tbody>
</table>

Available in 4140

## Giant Button Head Piggy Back Adapters

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBH-PB</td>
<td>Giant Button Head Piggy Back Adapters for leaking Giant Button Heads on valves.</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

## Small Button Head Piggy Back Adapters

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBH-PB</td>
<td>Small Button Head Piggy Back Adapters for leaking Small Button Heads on valves.</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

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CSN Solutions, Inc.
11311 Jones Rd. W, Suite J
Houston, TX 77065
www.csn-inc.net

Ph/Text: 713-703-8561
Fax: 281-469-4298
Email: Chad@csn-inc.net
## Valve Lubrication Adapters and Tools

### Stem Packing Adapters Only

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA-1220</td>
<td>Stem Packing Adapters for Gate and Orbit Valves (Left)</td>
</tr>
<tr>
<td>SPA-716</td>
<td>Stem Packing Adapters for Orbit Valves (Right)</td>
</tr>
<tr>
<td></td>
<td>1/4&quot; NPT Female Inlet</td>
</tr>
</tbody>
</table>

### Capped Giant Button Head Stem Packing Adapters

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGBHSPA-1220</td>
<td>Capped Giant Button Head Stem Packing Adapter for Gate Valves and Orbits (Top)</td>
</tr>
<tr>
<td>CGBHSPA-716</td>
<td>Capped Giant Button Head Stem Packing Adapter for Orbit Valves (Bottom)</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

### Stem Packing Relief Bolt

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPRB</td>
<td>Stem Packing Relief Bolt</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

### Giant Button Head Couplers

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBHC-N</td>
<td>Giant Button Head Coupler-Nylon</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

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**Missing an Adapter or Tool from your Pipeline Valve Adapter Kit? Just order the missing items to get you back in business.**
# Valve Fittings

## Stuffing Box Fittings

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBHS-14</td>
<td>1/4&quot; NPT Giant Button Head, Single Ball Check</td>
</tr>
<tr>
<td>GBHS-38</td>
<td>3/8&quot; NPT Giant Button Head, Single Ball Check</td>
</tr>
<tr>
<td>GBHS-12</td>
<td>1/2&quot; NPT Giant Button Head, Single Ball Check</td>
</tr>
</tbody>
</table>

Available in Carbon Steel and Stainless Steel

## DBC Ball and Gate Valve Fittings

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBHD-14</td>
<td>1/4&quot; NPT Giant Button Head, Double Ball Check</td>
</tr>
<tr>
<td>GBHD-38</td>
<td>3/8&quot; NPT Giant Button Head, Double Ball Check</td>
</tr>
<tr>
<td>GBHD-12</td>
<td>1/2&quot; NPT Giant Button Head, Double Ball Check</td>
</tr>
<tr>
<td>GBHD-34</td>
<td>3/4&quot; NPT Giant Button Head, Double Ball Check</td>
</tr>
</tbody>
</table>

Available in Carbon Steel and Stainless Steel

## Rockwell Plug Valve Fittings

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVF-14</td>
<td>1/4&quot; NPSM Plug Valve Fitting</td>
</tr>
<tr>
<td>PVF-38</td>
<td>3/8&quot; NPSM Plug Valve Fitting</td>
</tr>
<tr>
<td>PVF-12</td>
<td>1/2&quot; NPSM Plug Valve Fitting</td>
</tr>
<tr>
<td>PVF-34</td>
<td>3/4&quot; NPSM Plug Valve Fitting</td>
</tr>
</tbody>
</table>

Available in Carbon Steel

## Ball and Gate Valve Fittings

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGBH-14</td>
<td>1/4&quot; NPT Capped Giant Button Head Fitting</td>
</tr>
<tr>
<td>CGBH-38</td>
<td>3/8&quot; NPT Capped Giant Button Head Fitting</td>
</tr>
<tr>
<td>CGBH-12</td>
<td>1/2&quot; NPT Capped Giant Button Head Fitting</td>
</tr>
</tbody>
</table>

Available in Carbon Steel and Stainless Steel

## 10K Wellhead Gate Valve Fittings

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSO-12</td>
<td>1/2&quot; NPT Capped Screw-On Fitting for Gate Valves</td>
</tr>
</tbody>
</table>

Available in Carbon Steel and Stainless Steel

## 20K Gate Valve Fittings

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACF-9/16</td>
<td>9/16” HP Autoclave Style Lubrication Fitting</td>
</tr>
</tbody>
</table>

Available in Stainless Steel

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Valve Fittings

Gate Valve Packing Injectors

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI-14</td>
<td>1/4&quot; Stem Packing Injector</td>
</tr>
<tr>
<td>PI-38</td>
<td>3/8&quot; Stem Packing Injector</td>
</tr>
<tr>
<td>PI-12</td>
<td>1/2&quot; Stem Packing Injector</td>
</tr>
<tr>
<td>PI-5/8-11</td>
<td>5/8-11&quot; Stem Packing Injector</td>
</tr>
<tr>
<td>PI-3/4-10</td>
<td>3/4-10&quot; Stem Packing Injector</td>
</tr>
</tbody>
</table>

Available in Carbon Steel and Stainless Steel

Ball and Gate Valve Body Bleeds

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB-14</td>
<td>1/4&quot; Body Bleed Fitting</td>
</tr>
<tr>
<td>BB-38</td>
<td>3/8&quot; Body Bleed Fitting</td>
</tr>
<tr>
<td>BB-12</td>
<td>1/2&quot; Body Bleed Fitting</td>
</tr>
<tr>
<td>BB-34</td>
<td>3/4&quot; Body Bleed Fitting</td>
</tr>
<tr>
<td>BB-1</td>
<td>1&quot; Body Bleed Fitting</td>
</tr>
</tbody>
</table>

Available in Carbon Steel and Stainless Steel

Manifold Plug Valve Lubrication Fittings

<table>
<thead>
<tr>
<th>MPVF-3416</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4-16&quot; Giant Button Head Manifold Plug Valve Fitting with Relief Groove and Double Ball Checks</td>
<td></td>
</tr>
</tbody>
</table>

Available in 4140

MPVF-14 | MPVF-38 | MPVF-12  |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Giant Button Head Manifold Plug Valve Fittings with Double Ball Checks and available in 1/4&quot;NPT, 3/8&quot;NPT and 1/2&quot;NPT</td>
<td></td>
<td></td>
</tr>
</tbody>
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At CSN Solutions our training department teaches you the basic as well as the tricks and secrets that other companies won`t reveal. As a student at one of our classes you will receive a binder full of procedures and breakdowns of valves and actuators. The student will also disassemble and reassemble smaller valves and actuators in the class. We will teach the student the proper amount of grease to inject and which lubrication equipment that should be used. Finally, the last part of the training is the Hands-On Session. Students will take what we have learned in class and apply it to their own valves and actuators at their location.

Call us today to schedule a class at your location.
Actuators, Controls and Gear Box Repairs

**Actuators**
1. Hydraulic Fluid Leaking?
2. Gas Leaking from the Actuator?
3. Slow or No Operation?
4. Actuator Jumps during operation?

Fact: O-Rings and Seals Expired after 15 years. Need your Actuator rebuilt?

**Controls**
1. Leaking Hydraulic Fluid?
2. Gas By-Passing?
3. Slow Operation?
4. Clogged Filters?

Fact: O-Rings and Seals Expired after 15 years. Need your Controls rebuilt?

**Gearboxes**
1. Cracked Housing?
2. Gears Stripped?
3. Bearing Grinding?
4. Key Way Broke-Free Wheeling?
5. Need a New Gearbox?

Send All Your Repairs to:
CSN SOLUTIONS, INC.
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Houston, TX. 77065
Attn: Chad Niesner

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