

**Special points of interest:**

- Gear up your piston pump for spring
- View the NGP, Flow Divider video demo on our web site: [www.cds-johnblue.com](http://www.cds-johnblue.com).
- New 125th Anniversary Products.

## CDS-John Blue 125th Anniversary Feature

Congratulations to Todd Yeazel, FDS, Milton, WI. Todd was the first winner of the CDS-John Blue 125th Anniversary question. Last issue's question was **What was the first product invented by Mr. John Blue?** The correct answer was **The Cotton Stalk Cutter.**

This issue's question is: **John Blue Company first started business in what city and state?** All correct answers received by March 15th will be entered in a drawing to win \$125 gift card. Contact the sales department at 1-800-253-2583 with the correct answer and be eligible to win \$125!



Piston Pumps

# Gearing Up For Spring

Spring is just around the corner and that means it's time for your customers to get their piston pumps ready for the field. Below are a few reminders for your customer's Initial Pump Start-Up. Remember if you have any questions please don't hesitate to contact our Technical Sales Department.

**Mounting**

- The pump should be mounted on a rigid base in a horizontal position.
- The mounting position should allow for a straight drive chain and proper tightness.
- Chain idler should be installed on the slack side of the drive chain.
- The supplied rubber washers are installed between the pump and mount.
- On implements with wings or folds assure that sufficient area is allowed around the pump and plumbing to not cause contact or binding.
- The rear tractor tire must clear the pump during sharp turns.
- Install the oil vent plug in the oil fill located at the top of the crankcase.

**Suction Plumbing**

- 30 mesh strainer is recommended on

the suction side of the pump. It should be checked at each filling for debris, which can cause suction restriction and starve the pump of flow.



Ag Pro, Lewiston, ID 3610 Drill with NGP

- The NGP pump does produce suction to pull fluid from the tank, mount the pump level or below the tank, if possible, to assure the quickest prime.
- The suction line should be as straight as possible to

avoid restrictions from kinks or extremely sharp turns. This will help ensure even flow during max pump output.

- Check and double check quick connect fittings to verify that no leakage is present.
- Suction line hoses should be double clamped to avoid a suction air leak into the pump.

**Discharge Plumbing**

- Do not install a discharge strainer as they can clog with debris causing significant discharge pressure and possible system damage.

(Continued on back panel)

**CDS-John Blue Corner****Communications Tool:**

CDS-John Blue Company is pleased to announce that auto e-mailing of invoices began January 1, 2011.

The response to this new feature was fantastic more than 50% of you have already signed up for it. If you would like to receive your invoices electronically please provide an appropriate e-mail address to Stephanie Sanders at: [ssanders@cds-johnblue.com](mailto:ssanders@cds-johnblue.com) or 256-721-7511. This new billing feature will complement our existing shipment notification e-mails that are currently being sent.

**Facebook:** CDS-John Blue is now on Facebook. Become our Fan on Facebook and stay connected to CDS-John Blue Company. Be the first to see our new products, enhancements and all that is happening at CDS-John Blue Company.

**Did you know ?** John Blue Company began in 1886 the same year the Statue of Liberty was presented to the US from France. Just like the statue of liberty we are still around and thriving after 125 years of hard work and dedication by everyone involved including [you our loyal customers](#).

# NGP Piston Pumps

**(Continued from front)**

- Flow dividers may be installed directly on top of the discharge port or remote mounted.
- If using orifices make sure you are using proper orifice sizing for the specified application rate.
- When using a double piston pump with two flow dividers remove the common manifold and plumb each flow divider independently.

**Initial Pump Start-Up**

- Fill the tank with water to test for leaks in the plumbing system and output of the pump.
- Fully open the valve at the tank allowing water to fill the suction line and check for leaks.
- Set the pump setting to 10.
- Purge the system of air and foreign materials by slowly pulling the applicator 100 to 200 yards, then install nozzles or orifices (if used).
- Turn off the valve at the tank, open strainer, check for foreign materials and clean the screens.
- The CDS-John Blue Flow Divider is automatic and requires no calibration,

however if nozzles or orifices are used, verify that the orifices are properly sized so they do not produce high discharge pressure.

- Pull the machine over known acreage and verify the application accuracy with water prior to field application of chemicals. Note the tank level marks can give false reading if read on uneven ground.

**To see a video demonstration of the NGP Pump and Flow Divider with the new CDS-John Blue Flow Monitors** check out our web site: [www.cds-johnblue.com](http://www.cds-johnblue.com).



## Celebrating 125 Years With Newly Released Products

New, improved **split sprockets** from CDS-John Blue Company that can be used for both piston and squeeze pumps if an RC 40 chain is used. Models available are **114936-91** (32 tooth split sprocket for 7/8 hex shaft) and **114565-91** (35 tooth split sprocket for 7/8 hex shaft).



### Flange Adapters for NGP Piston Pumps and Centrifugal Pumps

are now available. NGP Piston Adapters 1 1/2" NPT to 200 series flange adapters are available in ss (**116000-01S**) and ductile iron (**116000-01**). Centrifugal Pump Adapters are also available in ductile iron, 2" NPT to 220 Series (**116001-01**) and 3" NPT to 300 series (**116002-01**).

