

Special points of interest:

- New Variable Rate Hydraulic Drive Kits for Piston Pumps.
- Product Updates.
- Congrats to Delinda Taws, Kisco Sales.

CDS-John Blue 125th Anniversary Feature

Congratulations to **Delinda Taws, Kisco Sales, Yuba City, CA** winner of the 4th 125th Anniversary Contest. Delinda answered correctly the question “What year did CDS Ag Industries and John Blue Company join forces?” The answer is 2000.

This issue’s question is: **What was the model number of the first piston pump John Blue ever built?** The correct answers received by December 16th will be entered into a drawing to win an \$125 gift card. Contact the sales department at 1-800-253-2583 with the correct answer and be eligible to win \$125!

NEW! CDS-John Blue 125th Anniversary Product Line-up

CDS-John Blue Company is pleased to introduce several **Variable Rate Hydraulic Drive Kits** to fit your customer’s piston pump. If the CDS-John Blue Piston Pump is 40 years old or new, the VRH Kits will mount to your customer’s pump (LF, L, LM, and NGP series pumps). These kits are described on our web site at: www.cds-johnblue.com or in the new brochure available from our sales department (right).

Below is a brief description of the Kits:

VRH-JD-10: VRH Kit for John Deere GreenStar™ GS2 and GS3. Includes mounting bracket, chain, sprockets, hydraulic motor, servo flow control manifold, custom adaptor harness and setup instructions with parts listing for obtaining off-the-shelf components to complete installation.

VRH-JD-15: Multi-Section VRH Kit for John Deere GreenStar™ GS2 and GS3. Includes same as above except for harness to control up to 7 section valves.

VRH-MAN-10: Universal Rate Speed Control System. Includes manual flow con-

trol valve and optical tachometer (to set pump speed), mounting bracket, chain, sprockets, hydraulic motor with NPT ports.

VRH-1000: VRH Drive Kit using Trimble/Rawson Accu-Rate®. Includes control wiring, hydraulic motor, sprocket, mounting bracket, idler bracket, chain, pump sprocket and all necessary bolts/hardware.

125th ANNIVERSARY
CDS-JOHN BLUE COMPANY
1944 - 2011

Variable Rate Hydraulic Drive Kits

Precision Farming With Variable Rate Fertilizer Pumps

Precision farming can boost your yields and this is critical in today's Ag market. Through the years you have come to depend on the reliable CDS-John Blue Piston Pump for your accurate placement of liquid fertilizer.

You don't need to buy new equipment to benefit from Variable Rate Technology? A great feature of the CDS-John Blue Piston Pump, with the Variable Rate Hydraulic Drive Kit (VRH), is that you can use it on your current equipment - planters, drills, strip till and liquid applicators. Regardless if your pump is 40 years old or new, the VRH Kits will mount to your pump (LF, L, LM and NGP series piston pumps).

You can have tomorrow's technology today.

Features of the CDS-John Blue Variable Rate Hydraulic Drive Kits

- Base Kit to add variable rate capacity to a CDS-John Blue Piston Pump for your planter or applicator. Other required off-the-shelf components to complete the kit are detailed in the instructions.
- Existing pumps can be easily converted to **variable rate and sectional shut-off**.
- A piston pump allows for quick and stable adjustment to application rates within a fraction of a second using this technology.
- With a piston pump your application rates will not change with the temperature or lack of head pressure.
- Sturdy mounting bracket attaches to the side or top of the machine's bar.
- Two types of flow control valves (servo or PWM) are available.
- Hydraulic 2-way bypass valve turns pump and liquid flow on and off.
- Hydraulic motor requires 10 gpm to run the piston pump at **maximum** rpm, but the system can be used at lower gpm's as the specific application allows.
- The manual speed drive system allows you to mount your pump anywhere on the machine and set the pump at a constant speed.
- The manual speed drive can also be used with other brands of hydraulic flow control valves in order to interface with controllers that are not listed below.

116043-91 Drive Mount Assembly (with an NGP-6955 and 115907-01A (U-bolts))

Proper Winterization of your CDS-John Pumps

Proper maintenance of your CDS-John Blue pump ensures years of reliable, problem-free performance. One of the most important steps in maintaining the pump is proper winterization at the end of the season.

The first step in winterizing your pump is to drain all the fertilizer out of the system. Once the system is drained, flush it completely with water to remove any leftover fertilizer. This will prevent any residue from crystallizing in the system.

Fill the pump with antifreeze. Standard green antifreeze (ethylene glycol) will provide proper protection from freezing; however RV antifreeze (propylene glycol) is preferred. Propylene glycol is environmentally friendly, and has no toxic ingredients – minimizing any risk in case of a spill.

RV antifreeze is pre-diluted from the factory, eliminating the need to add water, whereas standard antifreeze requires dilution to 70% antifreeze – 30% water mix.

RV antifreeze with a rust inhibitor additive is what all CDS-John Blue piston and centrifugal pumps are tested with before leaving the factory due to the similar viscosity to most liquid fertilizers.

If you use a CDS-John Blue Flow Divider, the RV antifreeze will also work for you.

In the spring, when the RV antifreeze is drained from the system, a slight white residue about the consistency of yogurt may be present. This residue is easily flushed with warm water prior to starting the spring fertilizing season.



CDS-John Blue Product Updates

The **CDS-John Blue Precision Splitters** should be used when three or four CDS-John Blue Impellicones are used in parallel. **The inlet port has been recently changed to 1-1/4" NPT** inlet from the previous 1" NPT inlet. The discharge hose from the anhydrous ammonia metering device (pump or meter) is attached to the 1 1/4" NPT inlet port on the bottom of the Splitter.



The part numbers for the Impellicones are:

- IPS-3, 3 outlet Impellicone Splitter
- IPS-4, 4 outlet Impellicone Splitter

complete line of 12-volt pumps that are weather-proof tested. We are the



only company to offer pumps that are totally protected against weather, dust and overspray and backed by a **one-year warranty**. As a reminder we offer the following 12-volt pumps:

- AP0819W:** 2.2 gpm, 1/2" NPT Male
- AP1219W:** 3.6 gpm, 1/2" NPT Male
- AP1816W:** 4.8 gpm, 15 mm quick connect port
- AP1819W:** 4.8 gpm, 1/2" NPT Male



Season greetings from CDS-John Blue Company. We wish you and yours a safe and happy Holiday Season. CDS-John Blue Company will be closed December 26, 27 and 30th for the Holiday Season.

CDS-John Blue Company offers a