



## **TECHNICAL SERVICE BULLETIN**

**Bulletin Number:** DC-2204

**Date:** 10/25/2006

### **Subject: Off-Season Maintenance Procedure for Lincoln Quicklub Automatic Lubrication System -203 Style Pumps**

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Most farm machinery is purchased for specific needs and is only used at certain times of the year. Machinery equipped with Lincoln 203 Style Automatic Lubrication Systems most commonly sit idle for many months of the year.

In the past several months, during machinery start up, we received a few calls regarding lube system start up issues. Our research of the reported issues determined that most were related to the grease being used.

Greases react in different manners to various pressures and temperatures they are exposed to. Some grease's tend to separate over time due to inactivity. We recommend that you look to your grease supplier for a recommendation of a grease that is less likely to separate under your specific conditions.

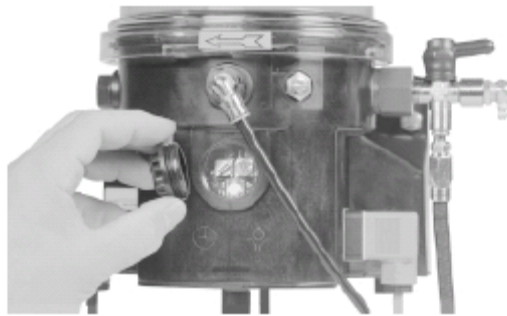
Grease "pump-ability" and "flow-ability" are key factors in making sure the Lincoln Automatic Lubrication system works as expected. We have found that after startup of the equipment and the lube system, and after the lube system is cycling periodically, we receive very few reports of system issues. In an effort to prevent issues during the next season start-up, we have developed the following "Off Season Maintenance Procedure" that we feel will better insure the results that you expect the next time you use your equipment.

#### **PLEASE NOTE:**

- You must perform this procedure on a **monthly** basis to prevent system issues during the next usage.
- Leave only enough grease in the pump to perform Step #1. **DO NOT FILL THE RESERVOIR AFTER THE LAST USAGE OF THE YEAR.**

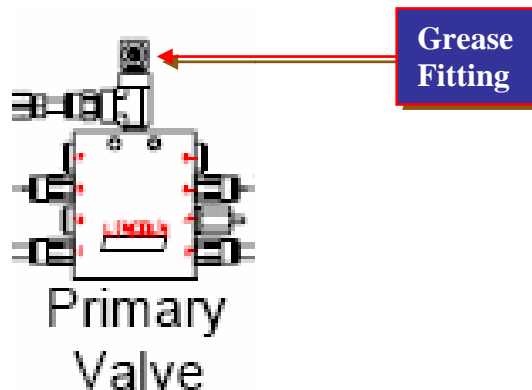
## Off Season Maintenance Procedure

1. Turn the machinery ignition switch on and manually cycle the lubrication system by depressing the “manual lube” button located directly under the red and blue rotary timer switches on the front of the pump housing under the timer access cover. Depressing the button for 2 seconds will initiate a manual lube event. Cycle the system at least two more times to insure the grease is cycled through the primary valve.



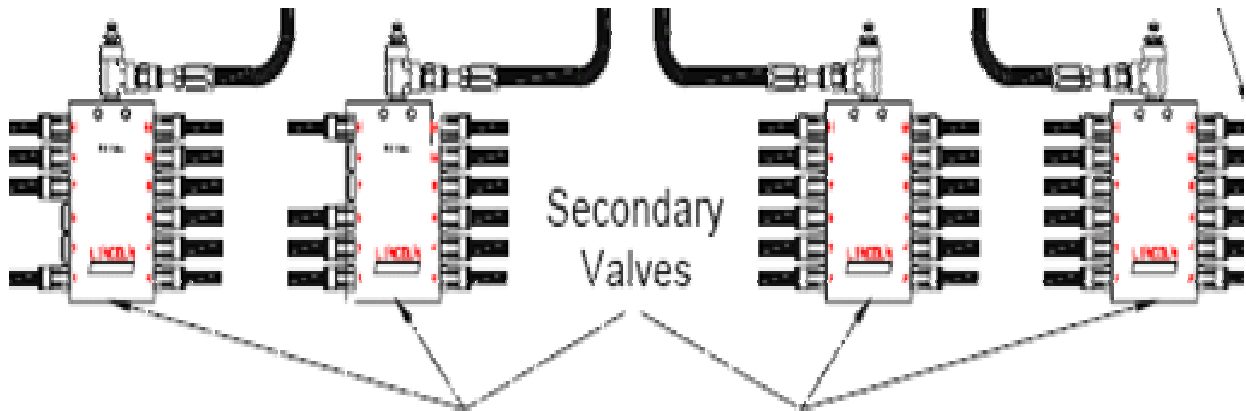
Remove cover to access the timer.

2. Using a Lincoln PowerLuber or a manual grease gun, cycle the primary valve (first valve from the pump element) via the grease fitting. Pump grease for 10 seconds with the PowerLuber or 10 strokes of a standard grease gun.



3. The last step would be to cycle each secondary valve, again using the PowerLuber or manual grease gun. You should refer to your owner's manual to determine the number and location of the secondary valves. Cycle each valve until fresh grease is seen at a visible grease point.

### Grease Fittings-Top of each Secondary Valve



These simple steps should address any potential problems that you could encounter upon system start up. They should also prevent any of your lube points from being improperly lubricated from initial startup of the Lincoln Automatic Lubrication system on your machinery.

If you have questions or concerns, please do not hesitate to contact Lincoln Technical Service at (314) 679-4200, Ext. 4782 or fax us at (314) 679-HELP (4357).

Regards,

Barry Frankum