



## RYDLYME Pump System - 10CIP

*RYDLYME dissolves water scale, lime, mud and rust deposits safely, quickly and effectively!*

1. Carefully unband pumping system, stand upright and remove all cellophane wrapping.
2. Attach loose tru-union valve to discharge/outlet side of pump.
3. Attach one of the hoses to the pump discharge valve and the other end to the bottom of the equipment to be cleaned.
4. Connect the other hose, from the top of the equipment to be cleaned, to the return valve on the side of the pumping system.
5. Check that all connections are secure and all appropriate equipment valves are open.
6. Slowly add the prescribed amount of **RYDLYME** to the 15-gallon plastic drum. Refer to your **RYDLYME** literature, your sales representative and/or our technical department for the proper **RYDLYME** quantities and dilution for the application being cleaned. NOTE: If recommended quantity exceeds volume of the drum, it will be necessary to turn on pump at this stage of the procedure.
7. DO NOT put the lid and snap ring back on the circulation drum while a cleaning is taking place. The lid is just for storage when the pumping system is NOT in use.
8. Open tru-union suction valve and the discharge valve, then start pump.
9. Slowly open tru-union ball valve on the return hose and watch for foaming in the drum.
10. Return discharge foaming indicates active **RYDLYME** solution and the presence of water formed mineral deposits.
11. Circulate until foaming action stops, indicating one of two possible scenarios:
  - a. **RYDLYME** strength is depleted (2 pounds of deposits were removed per gallon used).
  - b. Equipment being cleaned is free of water formed mineral deposits.
12. Circulate for recommended time or per the "testing the effectiveness" procedure available by visiting our website or by contacting our technical department. Most **RYDLYME** cleaning applications only take between 2 to 4 hours.
13. If the solution is depleted, add more **RYDLYME** to continue cleaning more deposits from the equipment. To do so, close discharge valve (to prevent backflow), turn off pump, disconnect return hose, drain to sewer with water flush, open valves, turn on pump until drum is empty. Once drum is empty, close valves, turn off pump, reconnect hose and add fresh **RYDLYME** to drum. Then to restart, simply turn on pump and open valves.
14. Continue to test and add material until at least the prescribed quantities have been circulated.
15. Upon successful **RYDLYME** cleaning, purge solution with water and continue to water flush until discharge effluent runs clear. Thoroughly water flush hoses, pump and drum. For convenience, there is a drain located underneath the circulating drum.
16. Return equipment back to service at peak operating efficiency.
17. Return hoses and valves to empty circulating drum for safe keeping until your next **RYDLYME** cleaning.

*(Continued)*



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