



RYDLYME Pump System - 10CIP

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

1. Carefully unband **10CIP** pumping system from pallet (150 lbs.), stand upright and remove all packaging.
2. Attach one of the two loose true-union valves to the discharge 'D' side of pump.
3. Attach the final loose true-union valve to the return valve 'A' on the front of the pumping system.
4. Attach one of three hoses to the pump discharge valve (valve 'D') and the other end of the hose to the bottom of the equipment to be cleaned.
5. Connect the second of three hoses, from the top of the equipment to be cleaned, to the return valve 'A' on the front of the pumping system.
6. Check that all connections are secure and all appropriate equipment valves are open and isolated.
7. Slowly add the prescribed amount of **RYDLYME** to the 14-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.
8. DO NOT put the lid and snap ring back on the circulation drum while a cleaning is taking place. The lid is for storage when the pumping system is NOT in use.
9. Open true-union bucket bypass 'B' valve, true-union 'C' valve, and the discharge valve 'D', then start pump. NOTE: If using an external bucket, leave bypass valve 'B' closed.
10. Slowly open true-union ball valve 'A' on the return hose and watch for foaming in the drum.
11. Return discharge foaming indicates active **RYDLYME** solution and the presence 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. Circulate until foaming action stops, indicating one of two possible scenarios:
 - a. Equipment being cleaned is free of water formed mineral deposits.
 - b. **RYDLYME** strength is depleted (2 pounds of deposits were removed per gallon used).
14. 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.
15. Continue to test and add material until at least the prescribed quantities have been circulated.
16. 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 on the side of the pump, valve 'E'. Use the third and final hose to connect and drain.
17. Return equipment back to service at peak operating efficiency.
18. Return hoses and valves to empty circulating drum for safe keeping until your next **RYDLYME** cleaning.

(Continued)

Ipex Notch Wrench Handle



Remove turn valve handle from the top of the tru-union ball valve with pre-installed hex nipple. **Be sure o-ring is seated.**

Flip handle over and remove inner Apex Engineering Products cover by pushing through with a pencil or long, thin object.

Place upside down handle on tru-union ball valve and line up notches to use as a wrench to tighten or loosen fittings.



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For instructions and videos, please scan the QR code.