



RYDLYME Pump System - 10MDC

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

1. Remove all parts from the 14-gallon drum.
2. Connect down tube to the street elbow, then to the gasket side/inside of the bulkhead fitting.
3. Attach 1" bulkhead fittings to the top and bottom holes in the drum; with the rubber gasket placed on the interior of the drum. The down tube should now be connected to the top interior bulkhead fitting.
4. Attach 1" valve to suction side of pump and 1" hex nipple to opposite side of valve.
5. Connect the entire pump assembly inline with the bulkhead fitting at the bottom of the drum.
6. Connect a 1"x10' primary hose to the discharge side of the pump. The other side of said hose will be connected to the bottom side of the equipment to be cleaned.
7. Connect the other 1"x10' primary hose to the outlet on top of the equipment to be cleaned. The other side of said hose will be connected to a 1" hex nipple and secured to the exterior bulkhead fitting located at the top of the drum with the down tube.
8. At this time, the circulation loop should be complete. Assure that all fittings are tight and secure.
9. Add the prescribed quantity of **RYDLYME** and water to the circulating drum. If you are unsure, please feel free to contact our technicians or visit our website.
10. Open valve, plug in pump, and watch for solution to return in circulation drum.
11. Add additional **RYDLYME** solution, as needed, to maintain circulation and avoid pump cavitation.
12. Observe any foaming and bubbling in the circulation drum. This indicates active **RYDLYME** and the presence of water formed mineral deposits.
13. 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.
14. 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.
15. If the solution is depleted, add more **RYDLYME** to continue cleaning more deposits from the equipment. To do so, close valve (to prevent backflow), unplug pump, disconnect hose at the top bulkhead, drain to sewer with water flush, open valve and plug in pump until drum is empty. Once drum is empty, close valve, unplug pump, reconnect hose at down tube and add fresh **RYDLYME** to drum. Then to restart, simply plug pump in and open valve.
16. Continue to test and add material until at least the prescribed quantities have been circulated.
17. Upon successful **RYDLYME** cleaning, purge solution with water and continue to water flush until discharge runs clear.
18. Return equipment back to service at peak operating efficiency.
19. Return hoses, valve and pump to circulating drum and stow away for later use.

(Continued)

Ipex Notch Wrench Handle



Remove turn valve handle from the top of the tru-union ball valve with pre-installed hex nipple.



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.

From top of equipment

To bottom of equipment



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1241 SHORELINE DRIVE • AURORA, ILLINOIS 60504
800.451.6291 630.820.8888

www.ApexEngineeringProducts.com