



## RYDLYME Pump Cart - 15MDC

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

1. Remove all contents from the 30-gallon circulation drum. This should include three 10' hoses, a tru-union valve, and a hex nipple.
2. Attach the tru-union valve labeled "A" to the top side of the cart's 30-gallon circulating drum to be used as the return connection.
3. Attach one of the hoses to the pump discharge valve labeled "C" and the other end to the bottom of the equipment to be cleaned.
4. Connect another hose, from the top of the equipment to be cleaned, to the return valve labeled "A" on the side of the cart's 30-gallon circulating drum. (The valve you installed in step 2.)
5. Check that all connections are secure and all appropriate equipment valves are open.
6. Open only valves "A" & "C", while all other valves remain closed.
7. Fill circulation drum with enough water to flood entire suction circuit to prime pump.
8. Open inline valve "B".
9. Slowly add prescribed amount of **RYDLYME** to the cart's 30-gallon circulating 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. Utilizing an electric drum pump, like the Lutz pumps we offer, is the preferred and easiest method for transferring **RYDLYME** from our 30 and 55-gallon drum package sizes to the cart's 30-gallon circulating drum. When utilizing our 330-gallon tote container, simply use the container itself as a circulation container.
10. (OPTIONAL) In some cases, utilizing the third hose, you can connect the hose to the drum via a basic reducer. Connect the other end of the hose to the suction valve "D". Then tip the drum on its side and turn the pump on and slowly open "D". Once the fluid in the drum is low enough, you will need to open the remaining bung to act as a vent. You will be adding 100% **RYDLYME**. Then add the necessary amount of water directly into the 30-gallon circulating bucket.
11. Return discharge foaming indicates active **RYDLYME** solution and 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.
13. If required, continue to add material until prescribed quantities have been circulated, dumping expended **RYDLYME** to sewer as needed.
14. Most cleaning applications may be cleaned within a four-hour period.
15. Upon completion of circulation time, add water to recirculation drum, and disconnect return valve from the circulating drum and flush to sewer. It may be necessary to restrict pump flow by partially closing discharge valve "C" to prevent pump cavitation.
16. Continue water flushing the equipment for a minimum of 20 minutes or until discharge effluent runs clear.
17. Turn off water and pump switch, then immediately close discharge valve "C" to prevent backflow.
18. Completely drain pump cart system via drain on bottom of recirculation bucket.

*(Continued)*

19. Liberally rinse bucket, pump, and associated piping before storing.
20. Disconnect hoses from the equipment and neatly stow in recirculation bucket.
21. Return equipment back to efficient service.

## 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.



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