



Location

Westland,
Michigan

Engineer

DiClemente Siegel Design Inc.
Southfield, MI

Installing Contractor

Johnson Controls Inc.
Sterling Heights, MI

Construction Manager

Owner

The RLD Project Team

Chris Lieder
Dan Smith
Jeff Rathgeb

Challenge

R. L. Deppmann received an order to provide 1,100 gallons of 30% Dowfrost* HD propylene glycol solution with DI water.

Why R.L Deppmann?

The mechanical contractor on the project was looking for a quick and cost effective method filling and venting the heating system. They called Deppmann.

Solution

In exactly 127 minutes (yes, just 2 hours!) our truck arrived at the project, hooked into the system, and adjusted the pumping rate. This rate of flow allowed the one person from the contractor to vent the system as we filled. Once the system was filled and properly pressurized per the contract documents, we filled several 5 gallon pails. The pails would allow the contractor to top off the system as more air was purged during circulation.

By following this process, the mechanical contractor avoided having 2 people take the time to unload 10 barrels, find the portable pump, fill the system (one barrel at a time), and complete the fill. This resulted in significant time and manpower savings.

* Trademark of the Dow Chemical Company



"DOWFROST* heat transfer fluid contains specially formulated packages of industrial inhibitors that help prevent corrosion... [This makes it suitable for] secondary cooling and heating, freeze and burst protection of pipes, various deicing, defrosting, and dehumidifying."

- Dow Chemical Company Product Information