



# Great Lakes Flushing Skid 14096

### Typical applications

- Line Flushing and Pressure Testing
- Hydraulic Oil
- Turbine Oil

### Equipment Specifications

- 105 GPM Pump rated at 150 PSI
- 30 GPM Pump rated at 400 PSI
- 3 GPM Vacuum Dehydrator with 12 Kw heater
- Duplex filter assembly
- Particle counter with moisture sensor
- Allen Bradley PLC controls
- Power Requirement: 460V-3Ph-75 Amps
- 20ft. Electrical Cord
- System Alarms

### Optional Features

- Viton/Buna-N Seals
- Remote Alarm w/ 30ft. Cord
- Overflow Sensor w/ Alarm
- Add Fluid Sensor
- Overflow Alarm
- Cycle Timer
- Drum Hardware/Tote Hardware

### UNIT DESCRIPTION

The Great Lakes Flushing Skid, 14096 was designed to flush and pressure test hydraulic lines on gate valve systems for the Great Lakes Water Authority. The design called for flushing at 100 GPM @ 150 PSI along with pressure testing up to 400 psi. To minimize power requirements (2) pumps were used, one for flushing and one for pressure testing. Moisture and cleanliness were considered critical so a vacuum dehydrator was designed into the system along with a duplex filter system rated at 150 gpm. A particle counted combined with a moisture sensor provides cleanliness data. This was the first of several flushing skids to be designed and build by IFS

