INDUSTRIAL FLUID SYSTEMS

Coolant Recycling System CRS-300 reduces chemical cost and waste hauling by 50%

System Requirements

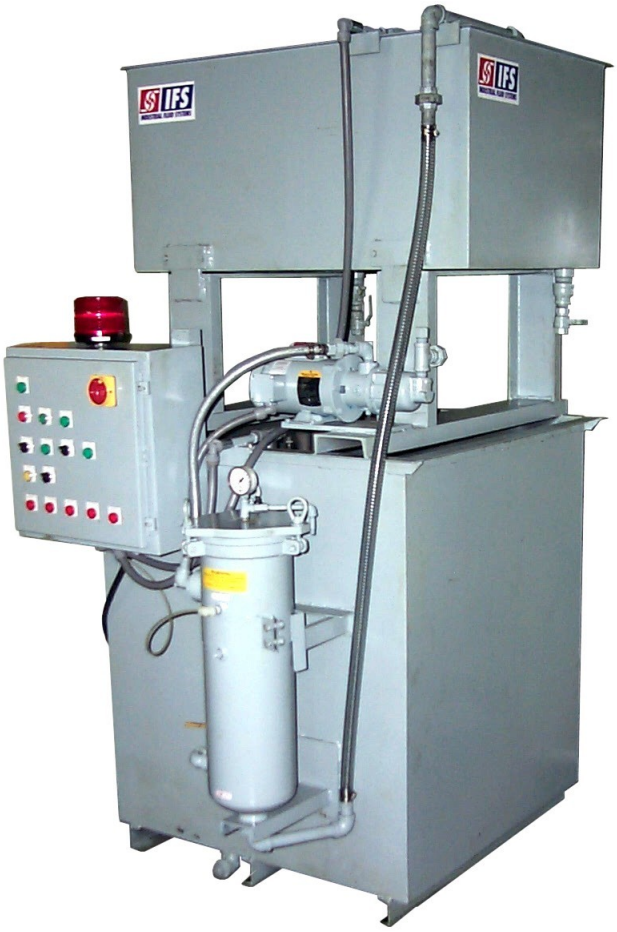
- Recycle 200 gallons/day of coolant
- Remove tramp oil
- Filter out solids
- Operate on 120 volts AC
- Collect tramp oil in drum
- Monitor Fluid Levels;
  - Low Level Sensor
  - Full Level Sensor
  - Overflow Sensor w/ Alarm
  - Tram oil full sensor
- Clean fluid transfer pump

Equipment Specifications

- 300 Gallon process tank
- 5 GPM Tramp oil separator
- 15 gpm Feed/Transfer pump
- Bag filter w/15 micron bags
- 120 VAC 1Ph power
- Multi-machine Sensors
  - -Low Level Sensor
  - -Add Fluid Sensor
  - -Overflow sensor w/Alarm
- Continuous or Timed Cycle
- Bag Filter Assembly
- Tramp oil drum w/full sensor
- AutoCAD system layout
- Electronic documentation

Recycling 200 gallons/day of used machine tool coolant would significantly reduce waste hauling and the purchase of coolant chemistry. The system requirements were simple. A turnkey system easy to operate with minimum maintenance. Operators collect used coolant with a sump sucker and pump it into the recycler. A coolant transfer cart with 55 gallon drum is used to transfer recycled coolant back to a machine.

After reviewing the application and coolant being used it was determined that an oil/water separator would remove the tramp oil. Solid loading was not high so a single bag filter would be adequate to recycle 4 to 5 batches of coolant. Based on this information, the SSM-300 was a perfect solution.



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Model: CRS-300