

HYDAC INTERNATIONAL

HYDAC Provides Solution to Extend Life of Holding Tank

Background

Customer currently has 3 Aluminum Extrusion presses and is looking to add another three presses. The Mobil DTE 46 hydraulic oil is run until lab analysis indicates that the oil is no longer suitable for continued use due to water and particulate contamination. Then they transfer the oil to holding tanks for reclamation.

Problem

They were looking for a cost effective way to refurbish the oil in the holding tank for reuse and to extend the useful life.

Solution

HYDAC MAFH-E Dehydration Station was commissioned in October of 2015 to reclaim the hydraulic oil in the holding tank. After the fluid is dewatered and cleaned, it will be analyzed with lab samples, quarantined and then reused.



Specifications

Type of Machinery: Holding Tank

Fluids Addressed: Oil

HYDAC Product: MAFH-E

Flow Rating: 900 gallons/hour (15 gpm)

Result

The program just got started; however, they expect the first year cost savings to be at least \$50,000 per year.

Additional Benefits to customer:

- High dewatering rates and efficient particulate removal (Beta > 1,000) in one system
- Removed water is vaporized into the air (none on floor!)
- Ease of Operation with standard Touch Screen Terminal for simple controls
- Minimal Maintenance required (no Vacuum Pump to service)