



## INDUSTRIAL FLUID SYSTEMS

An oil purification system designed to reduce water contamination from 20% down to less than 150 Parts Per Million (0.015%).

### System Requirements

Remove water from hydraulic oil.  
Below 500 PPM  
20% water maximum  
25-50 Gallon reservoirs  
460 VAC 3ph power  
Meet GM Electrical specs.  
No water adsorption filters.

### Equipment Specifications

2 GPM Ultra-Vac  
MAB-103 Centrifuge  
6kW Heater  
Outlet Pump  
Dirty Inlet Pump  
Electrical Controls, w/ "On"  
indicator, alarm lights and  
phase monitor  
460V—3Ph—60Hz Power  
Vacuum Gauge  
Pressure Gauge  
Sample Port  
Flow Meter  
Drip Pan w/ Fork Lift  
Pockets  
One year Warranty  
Operational & Maintenance  
Manual w/ Spare Parts List  
E-Stop Pushbutton  
Disconnect Switch  
Alarm Lights

On a good day water contamination is 1% or less, on a bad day it's 10 to 15%. The Cen-Vac oil purification system was designed for this situation. This unit combines two technologies, centrifugal forces and vacuum dehydration. The centrifuge remove gross water (down to 1000 ppm) and solid particles above 10 microns. The vacuum dehydrator will dependably remove water well below the oil saturation point (typically down to 150 ppm), even when tightly bound in emulsion. The Cen-Vac uses a PLC combined with a touch-display screen for coordinate the operation of the Ultra-Vac and the Mab-103 centrifuge.



The first Cen-Vac system was used on a CNC machine's hydraulic reservoir . Pump life went from 2 to 3 weeks to over 3 years.

We also build systems for:

Cutting Oil Recycling

Oil Purification Systems

Our professionals can help you decide what type of system will work best for your application. Contact us today for more information.

### INDUSTRIAL FLUID SYSTEMS

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