



## **Complete In-Plant Oil Reclamation Systems**

Filtervac provides standardized and customized filtration systems that are designed to remove all types of contamination which are formed or introduced into the oils. Depending on the type and amount of contamination in the oil, Filtervac is able to package the appropriate system which can combine vacuum dehydrators, centrifuges, coalescence and many other filtration processes into one self-contained automated system for in-plant use.

These can be incorporated as a recirculating system or as a single-pass batch filtration system, allowing the customer to maintain oil better than new oil specifications and eliminating the need for costly disposal of waste oil.

Discuss your situation with our engineers and let us make recommendations for a system and program to meet your needs.



### **Mini Centralized Complete Oil Purification System**

#### **Model VPL-CSR-200 (200 US Gallons / hour)**

Filtervac combines the use of a Alfa Laval Disc Stack Centrifuge with a Filtervac Vacuum Dehydrator and Filtervac particulate removing filter housing to provide for removal of all forms of water (free, emulsified and dissolved) down to less than 100 ppm as well as particulate contamination. This system is packaged as one self contained system to provide for automatic operation. In addition to the above mentioned components the standard design includes an inlet pump, electric heater (two-stage), control panel (Nema 12) and various safety interlocks. Various other options are available and Filtervac is able to custom design the system to suit the customers' requirements.



### **Max Centralized Complete Oil Purification System**

#### **Model VPL-CSR-1200 (1200 US Gallons / hour)**

The Max Oil Purification System utilizes similar technology as does the Mini oil purification system but is designed with a much larger capacity and is able to provide the most efficient oil purification package available on the market. This system is packaged as one self-contained system and utilizes an Allen Bradley Panel View Screen to provide for automatic operation and advanced diagnostic capabilities. Standard design includes an inlet pump, bag filters(Qty 2), electric heater(2 Stage), centrifuge, cartridge filters(Qty 2), additional electric heater(2 Stage), Dual Stage Vacuum Dehydrator c/w Liquid Ring Vacuum Pump, Discharge Pump, polishing filter cartridges(Qty 2) & a flow meter.

Various options are available such as a Chiller, which eliminates the need for water input(except for water used for centrifuge), reduces water discharge and enhances the efficiency of the vacuum dehydrator. Filtervac is able to custom design the system to suit the customer's requirements.