

## Explosion Proof Rated Vacuum Dehydrator

Our (WPRS) Water Particulate Removal System is designed to maximize water extraction, and achieve an overall water content down to 20 PPM or lower. This unit is also designed to remove harmful gasses, and particulate contamination which will result in clean dry oil! Our typical flow rates range from 2-100 GPM, and can be used on a wide range of products including Gear oils, Hydraulic oils, Lube oils, Phosphate Ester, and Insulating oils.

### Standard Features:

Dry Claw Style Vacuum Pump Which Requires Less Maintenance

Variable Frequency Drive Speed Control Which Offers Versatility On High Viscosity Oils, Or Cold Oil Applications

Stainless Steel Anti-Wear Media In Vacuum Tower Which Never Needs To Be Replaced Which Eliminates Costly Element Change Out

Stainless Steel Wetted Fittings

Insulated Incoloy Low Watt Density Heater Which Prevents Coking of Oil, and Additive Damage.

Positive Displacement Gear Pump With Built In Adjustable Relief Valve

Absolute Rated Micro-Glass Element High Efficiency Element Rated Beta(c)>1000 Per ISO 16889 Which Comes In Various Micron Sizes.

Fusion Bonded Internal Epoxy Powder Coating Which Is Highly Corrosive Resistant, and is a Thicker More Dense Finish Compared To Wet Epoxy Coatings.

### Optional Features:

- Custom Foot Print Design
- Auto Water Purge
- Foam Sensor
- H2S Removal Design
- Lifting Structures
- Various Voltage Configurations

### Applications:

- Petro-Chemical Facilities
- Compressor Oil
- Offshore
- Mining
- Mills with High Flash Content Conditions



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