

**OIL  
FILTRATION  
SYSTEMS®**

A CLARK-RELIANCE COMPANY

# We Set the Standard for Oil Purification



**3 Locations:** Boerne, TX | Strongsville, OH | Cambridge, ONT  
Contact: (830) 816-3332 | [info@oilfiltrationsystems.com](mailto:info@oilfiltrationsystems.com) | [www.oilfiltrationsystems.com](http://www.oilfiltrationsystems.com)

# We Support All Of Your Oil and Fuel Purification Needs

Oil Filtration Systems® has been manufacturing oil and fuel purification equipment since 1999.

We are a custom manufacturer and can build to your specifications, including special sizes and configurations with various options (inline digital particle monitors, moisture sensors, and complete data gathering packages).

## We can help:

- Extend the life of rotating equipment
- Minimize premature failure of critical components
- Reduce emergency outages & downtime
- Maximize equipment reliability
- Reduce overall maintenance costs

## SALES

We manufacture and sell the most effective and reliable oil and fuel purification equipment in the industry

## RENTALS

We operate the largest, newest, and best maintained rental fleet of oil and fuel purification equipment in the industry

## SERVICES

We perform professional and high-quality filtration, dehydration, and flushing services at customers' facilities around the country





## Vacuum Dehydration Oil Purification Systems (VDOPS)

Recirculating your hydraulic and/or lube oil with a VDOPS will remove all water (free, emulsified, and dissolved), entrained gases, and particulate contamination to very low levels.

- Remove all water (free, emulsified and dissolved) to as low as 20 PPM
- Remove particulate contamination to meet or exceed ISO 16/14/11 cleanliness levels
- Remove all entrained air and gases

Watch the animation here:



View the Resources page of our website for VDOPS webinars, tech papers, case studies, and videos.



## Varnish Removal Systems

Remove soluble & suspended varnish from your lubrication or hydraulic oil. Our standard VRS is designed to accept either depth media filters or granular adsorbent media depending on your needs.

- **Granular Adsorbent Media** – effectively adsorbs soluble varnish from oil at hot operating temperatures (120 degrees F and greater)
- **Depth Media Filters** – effectively remove suspended varnish from oil at cool ambient temperatures (70 degrees F and lower)



## Portable Filter Carts and Dedicated Filter Skids

Designed to remove particulate contamination from a wide variety of hydraulic and lubrication oils. Size based on reservoir volume and contamination load for oils from ISO VG 32 to ISO VG 1000.

### Available options and designs:

- Hand-Held / Drum Toppers
- Panel Mounted
- Air Operated Motors
- Class 1, Division 1 or Class 1, Division 2 Electrical Classifications



## Fuel Filtration & Coalescing Systems

Newer Tier 3 and Tier 4 Diesel Engines require #2 diesel fuel to be absolutely clean and dry, so we build a wide range of Fuel Filtration and Coalescing Equipment capable of removing particulate, moisture, and biological contamination from #2 diesel fuel.

### Units specifically designed for:

- Power Generation (Large Diesel Fuel Turbines)
- Mining Fuel Farms
- Standby Diesel Generators (Hospitals, Data Centers)
- Fracking Industry



## High Flow Flush Skids

Ranging in size from 30 GPM to 2000 GPM, our High Flow Flush Skids can be used in a kidney loop configuration to recirculate, filter, and lower the particle counts in even the largest fuel and lube oil reservoirs.

They are also used to generate “turbulent flow” and a Reynolds Number >4000 through a wide range of piping sizes (1/2" tubing through 8" piping) for High Velocity Oil Flushing.



## We Employ the Most Efficient Filter Elements

Oil Filtration Systems® manufactures its own high-efficiency filter elements for particulate removal from all mineral-based and synthetic hydraulic, lubrication, dielectric, and fuel oils. OFS elements are constructed of the highest quality micro-fibrous glass filtration medias utilizing serial filtration technology, and the medias are layered to achieve optimal performance characteristics. OFS elements are suitable for use in the most demanding applications, and they are designed and tested to provide the highest level of efficiency with the maximum dirt holding capacity. All OFS filter elements have particulate removal efficiencies of Beta(c)>1000 (99.9% for the stated micron size), which is based on ISO 16889-1999 testing standards. They are available in a wide range of micron sizes to suite virtually any application (2.5, 5, 7, 12, and 22-Micron).





# **The Oil Filtration Systems® (OFS) expanded Rental Fleet is always maintained to the highest quality for your oil and fuel purification needs!**

- Over 75 Vacuum Dehydration Oil Purification Systems (VDOPS)
- Over 45 High Flow Flushing Skids
- Over 40 Varnish Removal Systems, Filter Carts and Heater Skids
- Over 50 Oil and Fuel Filtration & Coalescer Housings

**With 3 depots strategically located in North America (Boerne, Texas, Strongsville, Ohio, and Cambridge, Ontario, Canada), we can provide fast, cost-effective oil and fuel filtration and dehydration equipment when you need it.**

**Emergency outages ■ Planned shut-downs and turn-arounds**

Active maintenance and quality assurance checks are completed on each unit to ensure reliability and optimal performance to guarantee performance when you need it. Each unit is restored to clean and like-new condition before on-site delivery.

*Watch our step-by-step procedure here:*



# Fast Response Field Services

Oil Filtration Systems® has crews of highly trained and experienced technicians who routinely travel to customer jobsites around the country performing a wide range of services:

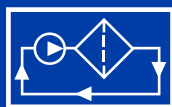
- High Velocity Oil Flushing (HVOF)
- Varnish Flushing
- Oil and Fuel Filtration and/or Dehydration
- Confined Space Entry (CSE) Reservoir Cleaning
- Reliability Program Assistance

**Safety First** – all of our technicians have extensive safety training credentials (including Basic Plus, OSHA Certification, MSHA Certification, and Confined Space Entry Certification).

We are a participating member of ISNetworld for safety and QA/QC qualification.



Since 1999



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