PRODUCTS

FILTER FLEMENTS

**RENTAL EQUIPMENT** 

FLUSHING SERVICES



A CLARK-RELIANCE COMPANY

# Oil Purification Equipment Oil Flushing Skids Oil Reclamation Units On Demand!

Our Global Rental Fleet Has
The Capacity to Purify Over
2.6 Billion Gallons of Oil a Year.



Oil Filtration Systems<sup>®</sup>
has the largest,
newest, and
best maintained
fleet of highly
advanced oil and fuel
purification equipment
in the industry.

## Oil Filtration Systems® has over 120 systems in our Rental Fleet to meet all of your oil and fuel filtration and purification needs.

- Vacuum Dehydrator Systems
- Low Flow Filter Carts
- Varnish Removal Systems
- Filter Housings
- Oil Circulation Heater Skids
- **Coalescer Housing Assemblies**
- High Flow Filter Skids
- Laser Particle Counters



#### Water Removal



Left
Contaminated
ISO 32 Turbine Oil
with emulsified
water (3,000 PPM)

Right
Purified oil
sample – Water
content as low

#### **On Demand:**

## Vacuum Dehydration Oil Purification Systems

Recirculating your hydraulic and/or lube oil with a VDOPS will maintain optimal fluid cleanliness in your system.

- Removes 100% free and emulsified water from oils
- Removes 90% of dissolved water from oils (to as low as 20 PPM)
- Removes particulate to ISO 16/14/11 or lower with 2.5-Micron Beta>1000 filter elements

Vacuum Dehydrators available in both NEMA 4 and NEMA 7 (Class 1, Div 2, Hazardous Locations).

3 GPM 5 GPM 10 GPM 20 GPM 30 GPM 50 GPM

#### **On Demand:**

## Varnish Removal Systems

Removes both soluble and suspended varnish from your hydraulic or lube oil, improving overall equipment reliability.

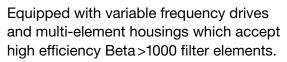
- 10 GPM Varnish Removal Systems.
- Ideal for use on gas turbines, compressors and hydraulics.



Oil Filtration Systems® Rental Equipment

We Set the Standard for Oil Purification™

## **On Demand:**High Flow Filter Skids



- Flow rates from 30 GPM to 2000 GPM.
- Ideal for high velocity lube oil flushing and kidney loop filtration on large reservoirs.



#### **On Demand:**

#### **Oil Circulation Heater Skids**

36kW, 66kW, and 120kW low watt density heater skids.\*

- Digital temperature controller
- Two thermocouples (high limit & process)
- Low flow switch with automatic shut-down for redundant protection against overheating



\*Designed for use in conjunction with high flow filter skids to quickly raise the oil temperature to 150°F (66°C) or higher.

#### **On Demand:**

#### Coalescer Housing Assemblies

Designed to remove free water from ISO VG 32 Turbine Oil, #2 Diesel Fuel and Gasoline.

 Various sizes available to handle flow rates from 14 GPM to 800 GPM



### Oil Filtration Systems® Rental Equipment

We Set the Standard for Oil Purification™

#### **On Demand:**

#### **Low Flow Filter Carts**

Portable Systems ideal for "new fill" from totes or 55 gallon drums and kidney loop filtration of smaller reservoirs.

- Designed for use in the most demanding and rugged applications and environments
- 5 and 10 GPM Filter Carts available for use with a wide variety of Hydraulic and Lube Oils including High Viscosity Gear Oils up to ISO VG 680



#### The Experts at Oil Filtration Systems®

**We** will assist in determining your system needs and improve your fluid quality. **We** design and build the COMPLETE SOLUTION.

**We** manufacture the cartridge filters, pressure vessels, and the complete systems. **We** know Oil and Fuel Purification!

Oil Filtration Systems® are designed for easy start-up and operation. Our team is highly trained and ready to assist; on-site, on-call, start-up, commissioning and training.

Oil Filtration Systems® Provides Results.





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