Bulletin No.: RE-16

OIL FILTRATION SYSTEMS®
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.

Our Rental Fleet is Your Solution!™

Oil Filtration Systems® 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
- Varnish Removal Systems
- Oil Circulation Heater Skids
- High Flow Filter Skids
- Low Flow Filter Carts
- Filter Housings
- Coalescer Housing Assemblies
- 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 as 20 PPM

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**

Oil Filtration Systems®
Rental Equipment

We Set the Standard for Oil Purification™

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.

On Demand:
High Flow Filter Skids

Equipped with variable frequency drives and multi-element housings which accept high efficiency Beta >1000 filter elements.

- 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

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

Oil Filtration Systems® Rental Equipment

We Set the Standard for Oil Purification™

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.

OIL FILTRATION SYSTEMS®
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