VeneFilter
Absolute Filtration

TribeLab
FLUID ANALYSIS AND TRIBOLOGY SERVICES

VENEFILTER SERVICES

# Purification

## Lubricant filtration and *purification* services.

Lubricant analysis · Lubricant recovery · Fluid filtration

**25+ years**
of experience in oil treatment

**β ≥ 4000**
absolute filtration, up to 99.98% efficiency

**9 ppm**
water content after purification (0.009%)

**100 %**
customer satisfaction



Contact us
sales@venefilter.com

RIF J-30915416-8

www.venefilter.com

# Lubricant *purification*

***VeneFilter*** offers a range of services that help industry improve its maintenance systems and increase the reliability of its production lines. The global trend is to maintain fluids such as lubricants, dielectric oils and process water to reduce consumption, cut environmental waste and improve their quality.

With ***more than 25 years of experience*** in the treatment and maintenance of hydraulic oils and lubricants in general, this is one of our main specialized services, following ASTM D4171 and D6439.



## Dialysis or purification: *what is it?*

It consists of treating lubricants or diesel fuels to remove solid particles, moisture, gases and sludge, contaminants that catastrophically damage the components of a lubrication or combustion system. Our purification systems deliver **absolute filtration β ≥ 4000 · up to 99.98% efficiency** and ensure the ISO 4406 cleanliness level each application requires. High-vacuum and coalescence dehydration does not require raising the temperature to bring moisture below 30 ppm.

## Our field *team*

Our specialized engineers and technicians analyze your lubricants and evaluate their applications and uses to recommend the most appropriate treatment.

Our field service team has purification units (moisture and/or solids) that treat lubricants contaminated by solids, gases and water, without affecting their physical-chemical properties and following ASTM D4171 and D6439. The whole process runs ***without disrupting production***.

***ISO 13/11/8***

ISO 4406 cleanliness levels below this code

***9 ppm***

water or moisture content reached (0.009%)

***0 shutdowns***

treatment is done while the plant keeps running

# Flushing *services*



### What is flushing?

It is the cleaning of a hydraulic or lubrication circuit at turbulent flow, above 4,000 Reynolds, during the initial start-up of an installation (commissioning) or a scheduled shutdown, to remove metal particles, welding slag and other contaminants.

We specialize in flushing lubrication, cooling, turbine hydraulic, compressor and rotating equipment systems, reaching lubricant cleanliness levels down to ***ISO 4406 13/11/8***. Our equipment of different capacities meets the procedures of the leading turbine and rotating equipment manufacturers, as well as ASTM A380, D4174 and D6439.




## *TRIBO-LABS* lubricant analysis

***TRIBO-LABS***, our lubricant analysis laboratory, provides the analysis and tribology services industry needs to manage system monitoring proactively and take precise preventive action based on the results.

We offer a complete laboratory testing service under ASTM, ISO, SAE and NAS standards, among others: viscosity, TAN, TBN, oxidation, additive package and wear metals, particle count, ferrography and Karl Fischer moisture, among others.



Learn more at **www.tribo-labs.com**

# Brands we *represent*

***VeneFilter*** is the exclusive, authorized representative for Latin America of the most prestigious brands of filtration, purification and separation systems.



## Our *clients*

**100%**
customer satisfaction

We serve clients in markets such as:

- Food
- Beverages
- Power generation
- Mining
- Petrochemicals
- Gas
- Oil
- Pulp and paper
- Plastics

## Exclusive distributor of the *most prestigious brands*

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