



Industrial Oil Filtration

The Ultimate solution



OIL FILTRATION SERVICES

- ✓ One Stop Oil Filtration Solution
- ✓ Pioneer in TAN Reduction in EH Oil
 - ✓ Annual Rate Contracts
 - ✓ Machines Available on Rental
- ✓ Custom Filtration Equipment Tailored to Your System
 - ✓ Skilled Operation & Maintenance Support
 - ✓ 24/7 Guaranteed Oil Quality Tested by In-House Particle Counter
 - ✓ Pickling / Oil Flushing

About Our Company

In Kolkata, Ritesh Kajaria founded IOF in the year 2005, with a very clear objective: provide solutions for saving oils used by the industry. IOF pioneered the manufacturing of Resin Bonded Depth filters, Depth Filter for the most precise and effective oil filtration applications. Through, working very closely with the industry, IOF ardently advocated the concept of continuous bypass filtration, so as to achieve the best results, and focused on developing smaller and simpler machines for the purpose. The never ending quest for the perfect solution has finally led IOF to the invention of the Online Continuous Bypass Filters, which can be installed directly in the main oil system, running on the system pressure. The Fluent range now is complete with the OCB Filtration products, another big step towards fulfilling the mission to save oil and help the environment.



Our Vision

IOF aims to be the most trusted provider of oil filtration solutions.



Our Mission

Exceeding customer expectations in oil filtration and related services.



Our Values

Customer Focus, Integrity, Respect, Accountability, Safety, and Cost Consciousness.

Sectors Served

Steel | Power | Plastic | Paper | Metal
Cement | Automobiles | Mining

OUR USP

TAN
Reduction

Guaranteed
Nas Upto 3 in
Hydraulic/Turbine Oil

Customised
Costeffective
Solution

Reduction in
Operation
Interruption

Oil
flushing

Moisture
Removal

OIL FILTRATION SOLUTIONS



EH Oil Filtration Machine / Tan Reduction Machine With LVDH & NAS

Product Highlights:

- TAN Reduction from 2 Koh/gm to 0.08 Koh/gm
- Moisture Removal Machine \leq 200 ppm
- Can be achieved with 2, 5 and 10 micron filters NAS 3
- Flow rate 10 LPM to 40 LPM

Hydraulic Oil Filtration Machine



Product Highlights:

- Performance NAS 3 in 48 hrs
- Can be achieved with 2,5 and 10 with Absolute Glass fibre Media
- High Efficiency Filtration
- Suctions Stainers, Mini Mess Port and oil sample ports provide.

Gear Oil Filtration Machine



Product Highlights:

- Performance NAS 7 in 48 hrs
- Can be achieved with 5 and 10 with Cellulose Fibre Media
- High Efficiency Filtration
- Suctions Stainers, oil sample ports provided.
- Capable of working on high Viscosity Fluids more than 320 Cst.

Turbine Oil Filtration



Product Highlights:

- Performance NAS 3 in 48to 72 Hrs
- Can be achieved with 2,5 and 10 with Absolute Glass fibre Media
- High Efficiency Filtration
- Suctions Stainers, Mini Mess Port and oil sample ports provide.

Low Vacuum Dehydrator Machine



Product Highlights:

- Moisture Removal Machine less than \leq 100 ppm
- Can be achieved with 2, 5 and 10 micron filters
- Flow rate 10 LPM to 100 LPM
- Capable of working high on Viscosity Fluids more than 320 Cst.

Transformer Oil Filter Machine

Product Highlights:

- Moisture Removal Machine less than \leq 100 ppm
- Can be achieved with 2, 5 and 10 micron filters NAS 5
- Flow rate 10 LPM to 150 LPM
- Dielectric strength : 80 KV
- Moisture content : $<$ 5 PPM
- Gas content in percentage by volume: 0.1 %





ADVANTAGES OF CHOOSING US

- Oil to last indefinitely if the contaminants are removed, as oil does not lose its properties
- System life increase—at least double—saving of large capital investment
- Less maintenance cost—drastically reduced built-in filter replacement
- Better production due to less down time
- Less oil imported, thus saving foreign exchange for the country
- As oil is not dumped on to the ground, thereby saving pollution of ground, water and air, therefore helping in controlling pollution
- Oil kept at NAS 3- the oil will then become particularly frictionless, and life of the systems and oil including journals and bearing of thermal power plants, will be indefinite, i.e. over 60 years
- Particles of 1-2 microns are not considered in NAS level determination.
- Particles from any system tank bottom,

- causes great damage to seal and bearing of the pumps, as there are coarse filters before the pumps. Particles act like tiny bullets on seals and bearings and hoses, etc.
- Servo valve life is increased
- Setting of servo valves to zero setting can be decreased tremendously
- Stick valve problem can be eliminated
- Oil life is increased because of higher cleanliness level
- With use of industrial oil filtration systems consumption of conventional system filters goes down substantially as these filters are less loaded
- As slit control (filtration of particles less than 5 microns) is possible with depth filtration and also extends component life.



CLIENTELE



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