

# ESTER OIL FILTER MACHINE



**Ester oil** is synthetic base **oil** that has been chemically synthesized. **Esters** are one of the classes of synthetics that have been used in **oils** as well. **Esters** are stable molecules, provide good solvency, and provide very good low-temperature and high-temperature performance for Power Equipments.

Natural ester (vegetable) oil dielectric fluids are an innovative alternative to the mineral oil coolant commonly used in distribution and power transformers. They have preferable environmental properties compared to mineral oil, most notably rapid and complete biodegradation.

Sumesh Petroleum is leading Manufacturer of Insulating Transformer oil filter Machine. With the need of Cutting edge technology and Environment Friendly Innovation, Sumesh-Pet is Manufacturing Ester oil filtration plants with adequate heating capacity for ester oil.

This Purification plants are capable to remove Solid Impurities, Water content Existence, Acidity, Sludge and Improve Dielectric Strength.

## Technical Parameters:

Parameters	Before Conditioning	After Conditioning
Removal of Moisture	50 PPM	< 5 PPM
Removal of dissolved Gases	10% by vol.	< 0.1% by vol.
Break down voltage	25 KV	> 70 KV
Micron rating	Many Microns	< 0.5 Micron

### Mounting:

Skid - Roller - Solid Tyre - Pneumatic Tyre - Vehicle/Truck

**Capacity: 250 - 500 - 1150 - 2250 - 3000 - 4500 - 6000 - 10000 - 12000 - 18000 - 24000 LPH**



**Sumesh Petroleum Pvt. Ltd.**  
(Formerly Sumesh Petroleum)  
An ISO 9001:2015 Certified Company

226-227, G.I.D.C. Estate, Makarpura, Vadodara-390 010, Gujarat, India.  
Tel.: +91-265-2656545, 2632084 Fax: +91-265-2638320  
Email: info@sumesh.in / sumeshpetroleum@gmail.com