

GREEN MACHEEN™ 300 WTX

Electrostatic Oil Cleaner with Water Removal

Specifications and Technical Information



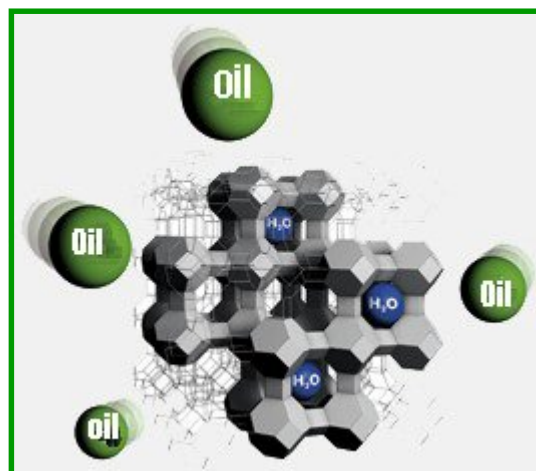
- **Stainless Steel Construction**
- **Designed for all Weather use**
- **Computer controlled**
- **Electronic Contamination Monitor**
- **Water Removal and Electrostatic filter in a single system.**

OILKLEEN™ Model	GREEN MACHEEN™ 300 WTX
Flow Rate	5.4 GPM (324 Gal/Hr or 1231 lph)
WATER Removal	Yes-use the OILKLEEN WTX element
WATER Removal capacity	10 gallons / 38.2 liters each filter
VARNISH max capacity	20 pounds / 9 Kg
VARNISH filter normal life	Filter should last 7-12 months
SOLUBLE VARNISH Removal	Yes- with Soluble Varnish Removal Filter
Volts/Phase/Hz	115/230/ single phase/ 60Hz/50Hz
Filter Electrostatic DC Output	15,000 Volts
Electrostatic Fields	18 electrostatic fields each filter
Stainless Steel Filter Tanks	2 filter housings
Stainless Steel Frame	YES
Tank Capacity when full	18 gallons of oil
Size (W x L x H)	33" X 25" x 48"
Weight	400 lbs / 180 kg
Reservoir Size Max	10,000 gallons / 38,000 liters
Max Oil Temp	180 degrees F / 82 C
Computer Controlled	YES
*Explosion Proof (Class I Div II)	YES—optional

How does it remove water from oil?

The OILKLEEN® GREEN MACHEEN™ patent-pending electrostatic filter works on principles of physics, creating 18 static energy fields. OILKLEEN has developed a unique Molecular Water Removal Technology which is extremely effective in removing water from oil. The WATER-X filter element is piped in series before the electrostatic filter and will remove 99.99% of all water from oil. The only system with water removal technology and Electrostatic filtration technology in a single system.

When oil and water are mixed, if you looked at the oil under a microscope you would see that oil molecules are much larger than water molecules. The molecular sieve beads trap the water molecules inside each bead, thus removing the water from the oil in a very effective manner. Only OILKLEEN uses this technology!



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OILKLEEN Performance Results

System: STEAM TURBINE
Reservoir Size: 4000 Gallons
Problem: Customer had serious varnish problems and tried 4 different companies all claiming to be able to remove varnish, none of them worked.

Solution: OILKLEEN installed the GREEN MACHEEN 300 electrostatic oil cleaner, and took pictures from the internal metal surfaces before installation. Then OILKLEEN system ran for only 1 month and internal parts were inspected again and these are the amazing results form only 1 month. Even 1 year later NO VARNISH build up in the system. If our competition cant show you these type of before and after photos then they can't remove varnish.

BEFORE

AFTER 30 days using OILKLEEN

After 1 year

