



▶ THE PATENT PENDING OILKLEEN FILTER HAS 18 HIGH VOLTAGE ELECTROSTATIC FIELDS. COMPETITION ONLY HAS 1.



▶ THE OILKLEEN COMPUTER BOARD MONITORS AND CONTROLS THE SYSTEM. IT HAS 8 BUILT IN SAFETY FEATURES.



▶ EASY ACCESS TO CHANGE THE ELECTROSTATIC FILTER CARTRIDGE. HUGE DIRT HOLDING CAPABILITIES, 15 LBS.

○ 300 | ○ 500 | ○ 2007

OILKLEEN Specs

ADDRESSING THE NEEDS FOR TOTAL LUBRICATION CLEANLINESS AND INCREASED PRODUCTIVITY.

Varnish is a sticky by-product of oil degradation that forms either from oxidation or thermal breakdown. Varnish adheres to machine components and can cause serious problems like slow start-ups or trips, control valve fouling, premature wear, and poor heat transfer.

We have the solution for varnish...

Applications:

- Gas Turbines
- Steam Turbines
- Hydraulic Systems
- Paper Machines
- Other circulating lube systems

Performance Features

The GREEN MACHEEN series is an all new patent pending technology from OILKLEEN. This electrostatic filter cartridge uses positive and negatively charged plates that are stacked and separated by a unique foam collection media. A 110/230-volt supply is inverted to 15,000 volts with in each of the 18 electrostatic fields. That's 18 high voltage electrostatic fields that the oil must pass through at a controlled rate. The contamination particles in the oil become charged and then bond to the collection media.

High Speed and Efficiency

OILKLEEN manufactures the world's fastest and most efficient electrostatic oil cleaners. These systems can handle high levels of varnish and very large reservoir sizes. The collection media has millions of sharp edges needed for charged particles to bond to, versus hundreds from other electrostatic oil cleaners. 18 electrostatic fields versus 1 field from all other electrostatic oil cleaner manufactures is what separates OILKLEEN from the competition.

Easy to Change Cartridge

The OILKLEEN computer tells you exactly when to change the cartridge. At any time you can check the computer and see exactly how much life is still left on it.



Extremely low particle counts

The patent pending OILKLEEN technology not only removes varnish and oxidation by-products but also removes any insoluble foreign contamination and can achieve an ISO particle count in the 9/4/1 level. The OILKLEEN system can extend the life of your lubricants, system components, and increase your overall productivity.

OILKLEEN is Your Solution to Fluid Contamination...

COMPUTER SYSTEM

Safety Features



The OILKLEEN computer system is designed to safely operate the electrostatic oil cleaner for 24/7 unattended use...

Safety Features

- Pressure Relief setting at 25psi
- Pressure Gauge
- Vacuum Gauge
- Oil Sample Port
- Electronic Flow Indication
- Leak Detection System
- Outdoor Weather Protection
- Oil Temp Monitor and Alarm
- Electrical component temp
- Ball Valves for safe shut-down
- Easy Access and no tools required for Cartridge Changing
- Electronic monitoring of cartridge life and when to change.

What's under the hood?

Today's industry needs an electrostatic oil cleaner that can handle larger reservoirs and stay ahead of systems as they create oxidation and oxidation-by products that cause varnish. OILKLEEN is the world's fastest and most efficient electrostatic oil cleaner.

Technical Specifications:

	OILKLEEN 100	OILKLEEN 300	OILKLEEN 500
Flow Rate	100 gallons/ hour	300 gallons/ hour	500 gallons/ hour
Oil Chiller built in	Optional	Optional	Optional
Filter Cartridges	One	One	Two
Volts/Phase/Hz	115V/1/60Hz or 230/1/50Hz	115V/1/60Hz or 230/1/50 Hz	115V/1/60Hz or 230/1/50 Hz
DC Output	15,000 Volts	15,000 Volts	15,000 Volts
Electrostatic Fields	12	18	18
Tanks (Stainless Steel)	One	One	Two
Tank Capacity	2 gallons	8 gallons	16 gallons
Size (W x L x H)	10" x 16" x 33"	16" x 22" x 48"	25" x 25" x 48"
Reservoir Size Max	3,000 gallons/ 11,400 liters	7,500 gallons/ 28,500 liters	15,000 gallons/ 57,000 liters
Reservoir Size (Recommended)	0- 2,000 gallons/ 0-7,600 liters	0- 5,500 gallons/ 0-20,900 liters	0- 8,000 gallons/ 0-30,400 liters
Max Oil Temp	180 Degrees F	180 Degrees F	180 Degrees F
Electrical Certification *Explosion Proof *(Special Order)	NEMA 4 Normal Class I Div II	NEMA 4 Normal Class I Div II	NEMA 4 Normal Class I Div II



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