

Electrostatic Filtration Systems

Varnish Removal Systems

Electrostatic Filtration

OILKLEEN GREEN MACHEEN SYSTEMS ARE THE WORLD'S FASTEST AND MOST EFFICIENT ELECTROSTATIC OIL CLEANERS IN THE WORLD DESIGNED FOR CONTINUAL 24/7 USAGE.



BENEFITS

Unparalleled Varnish Removal

OilKleen has just launched the world's fastest and most efficient electrostatic oil cleaners. Now even the worst systems can be free of varnish and no more costly downtime due to varnish related valve sticking. With the patented technology of OilKleen, these compact industrial designs allow for increased flow rates and higher efficiency for removing insoluble foreign contamination. The OilKleen patented electrostatic technology is the solution for removing oxidation by-products which cause varnish build up in lubricating systems.

Removal of all Lubricant Contamination

OilKleen electrostatic oil cleaners can remove insoluble foreign contamination as small as red blood cells, this is 0.01 microns and remove oxidation by-products that form varnish and sludge. The OilKleen systems strip varnish build up from internal components, which allows for a clean and smooth operating system without costly downtime due to varnish related valve sticking.

The World's Fastest and Most Efficient Electrostatic Oil Cleaner

OilKleen systems use patented electrostatic technology to clean oil at rates of over 300 gallons per hour and are controlled by a computer board specifically developed and programmed for 24/7 continuous use. OilKleen systems are designed for system reservoirs from 500 gallons to 10,000 gallons.

Optimize Oil Cleanliness

OilKleen technology does not depend on your system filters to remove contamination particles. OilKleen systems can produce extremely low particle counts and remove varnish, water and sludge from your system faster than any other technology in the world. This can all be done without a shut down and while running. In some applications an amazing 9/4/1 ISO particle count rating has been achieved using the OilKleen system.

Systems Designed to Meet your Environment

The OilKleen systems come standard with a varnish removal filter that also removes a moderate amount of water from the lubricant. OilKleen systems are available with second tank and cartridge that provides dedicated water removal. OilKleen provides a system that is certified for Div I Class II explosion proof for hazardous environments. Whatever your varnish removal needs, OilKleen has a system to meet your needs.

OVERVIEW

- Recommended by General Electric in the GE-TIL 1528-3.
- Comes with dedicated computer control panel.
- Includes pressure gauges, vacuum gauges, flow switch, and an oil sample port.
- Integrated drip pan with leak detection.
- Ball valves for shut-down operations.
- Easy access for changing cartridges.
- Stainless steel construction.

Optional Accessories

- Skid mounted base for rotating one OilKleen unit around several reservoirs on-site.



LUBRIGARD

PROACTIVE LUBRICATION MANAGEMENT

Electrostatic Filtration Systems

Varnish Removal Systems



ELECTROSTATIC SYSTEMS

Green Macheen 300
Electrostatic Oil Cleaner



Electrostatic Flow Rates:
5.4 GPM (324 GPH / 1230 lpm)
System Voltage:
115/23 Volts / 1 Phase / 60Hz/50Hz (10 amps)
D.C Voltage Output: 15.0KV
D.C. Voltage Current (Ma): 0-10 milliamps
HV Power Supplies: 1
Quantity of Cartridges: 1
Water Removal Capacity: 4 gal (15.2 ltr)
Varnish Removal Capacity: 20 lbs / 9 kg
Cartridge life: Various depending on application (typical life 7-12 months)
Number of Tanks: 1
Tank Capacity: 9 gallons (when full)
Recommended Reservoir Size:
500 to 10,000 gallon (2,000 - 40,000 ltr)
Max Oil Temp: 180°F / 82°C
Viscosity of oil 32 cSt @40C: 7,500 gal
Viscosity of oil 46 cSt @40C: 6,250 gal
Viscosity of oil 68 cSt @40C: 4,200 gal
Viscosity of oil 100 cSt@40C: 2,100 gal
Weight: 200 lbs / 90 kg
Dimensions: 16" (W) X 22" (L) X 48" (H)
Materials: frame - Stainless Steel

Green Macheen 300EXP
Explosion Proof
Electrostatic Oil Cleaner



Electrostatic Flow Rates:
5.4 GPM (324 GPH / 1230 lpm)
System Voltage:
115/23 Volts / 1 Phase / 60Hz/50Hz (10 amps)
D.C Voltage Output: 15.0KV
D.C. Voltage Current (Ma): 0-10 milliamps
HV Power Supplies: 1
Quantity of Cartridges: 1
Water Removal Capacity: 4 gal (15.2 ltr)
Varnish Removal Capacity: 20 lbs / 9 kg
Cartridge life: Various depending on application (typical life 7-12 months)
Number of Tanks: 1
Tank Capacity: 9 gallons (when full)
Recommended Reservoir Size:
500 to 10,000 gallon (2,000 - 40,000 ltr)
Max Oil Temp: 180°F / 82°C
Viscosity of oil 32 cSt @40C: 7,500 gal
Viscosity of oil 46 cSt @40C: 6,250 gal
Viscosity of oil 68 cSt @40C: 4,200 gal
Viscosity of oil 100 cSt@40C: 2,100 gal
Weight: 200 lbs / 90 kg
Dimensions: 16" (W) X 22" (L) X 48" (H)
Materials: frame - Stainless Steel
Explosion Proof: Class I Div II Certified

Green Macheen 300WTX
Electrostatic Oil Cleaner with
Dedicated Water Removal



Electrostatic Flow Rates:
5.4 GPM (324 GPH / 1230 lpm)
System Voltage:
115/23 Volts / 1 Phase / 60Hz/50Hz (10 amps)
D.C Voltage Output: 15.0KV
D.C. Voltage Current (Ma): 0-10 milliamps
HV Power Supplies: 1
Quantity of Cartridges: 2
Water Removal Capacity: 10 gal (38.2 ltr)
Varnish Removal Capacity: 20 lbs / 9 kg
Cartridge life: Various depending on application (typical life 7-12 months)
Number of Tanks: 2
Tank Capacity: 9 gallons (when full)
Recommended Reservoir Size:
500 to 10,000 gallon (2,000 - 40,000 ltr)
Max Oil Temp: 180°F / 82°C
Viscosity of oil 32 cSt @40C: 7,500 gal
Viscosity of oil 46 cSt @40C: 6,250 gal
Viscosity of oil 68 cSt @40C: 4,200 gal
Viscosity of oil 100 cSt@40C: 2,100 gal
Weight: 400 lbs / 180 kg
Dimensions: 33" (W) X 25" (L) X 48" (H)
Materials: frame - Stainless Steel



PROACTIVE LUBRICATION MANAGEMENT

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Lubrigard Ltd. C8-1175 Appleby Line, Burlington, ON, L7L 5H9 Tel 905-569-8600 Toll-free 800-268-2131 Fax 905-569-8605 URL <http://www.lubrigard.com>

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