EDM FILTRATION

Conventional EDM Filtration

Ebbco inc.

EDM FILTRATION & FLUIDS

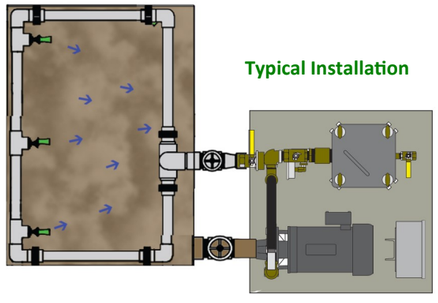
CONVENTIONAL EDM

Ebbco Conventional EDM filtration system effectively deliver clean oil by filtering out a high volume of dirt. Systems are designed to filter the oil from the machines dirty side of the dielectric tank or the Machine Work Tank while the machine is in use. Pleated Cartridge Filters filter the oil to a specified micron and return back to machine. The structurally strong filter cartridge has a sludge holding capacity of up to 60 lbs.; its 84 square feet of filter media is compatible with your choice of dielectric oil.

Filtering the Dielectric Tank

A Pump Suction Assembly is placed inside the dirty side of the machines dielectric tank. The Filter Pump, provide fluid to Filter Vessel. Where fluid is filtered to a set micron rating and returns to the clean side of the dielectric tank through a plumbing package placed inside the tank which is custom designed to keep dirt in suspension and pushed toward the pump suction for removal.

Typical Installation



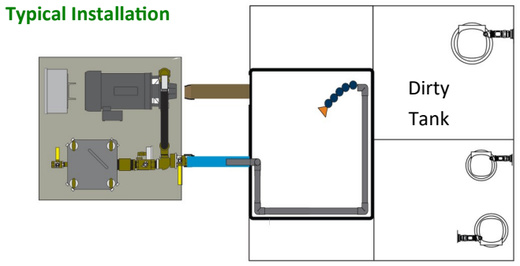
Systems Benefits

- Reduces Dirt and Sludge Build Up
- Stainless Steel Filter Pump
- Various Filter Micron Sizes Available
- Increase Flushing
- Reduce Maintenance
- Reduce operator skin irritation
- Maximize Speed and Finishes
- Increase Oil Life
- Optional Filter Service Beacon Available
- Replaces OEM In-Tank Filters

Filtering the Work Tank

A Pump Suction Assembly is placed inside the machines work tank, attached to this assembly is a Float Switch for Automatic Controls. As the Work Tank Fills, the float switch activates the filter Pump, providing fluid to the filter system. There fluid is filtered to a set micron rating and returns to the work tank through a in-tank plumbing package, custom designed to keep dirt in suspension and pushed toward the pump suction for removal.

Typical Installation



Single Filter Vessels

Ebbco's carbon steel 729 housing is designed for a wide range of applications. The cartridge media is compatible for most oils and water-soluble coolants. With 60 square feet of media the cartridge can hold up to 84lbs of dirt per filter. A Buna-n o-ring encapsulated in a machined register which assures a positive seal

Cartridge Micron Sizes Available: 1, 5, 15, 25, 50

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