

# CF-1 OIL CONDITIONING SYSTEM

REMOVES WATER & PARTICULATE FROM OIL RESERVOIRS

## Features

- **Sized for Small Turbine Oil Reservoirs**
- **Small Footprint**
- **Rapid Water Removal**
- **One Piece Coalescer/Separator**

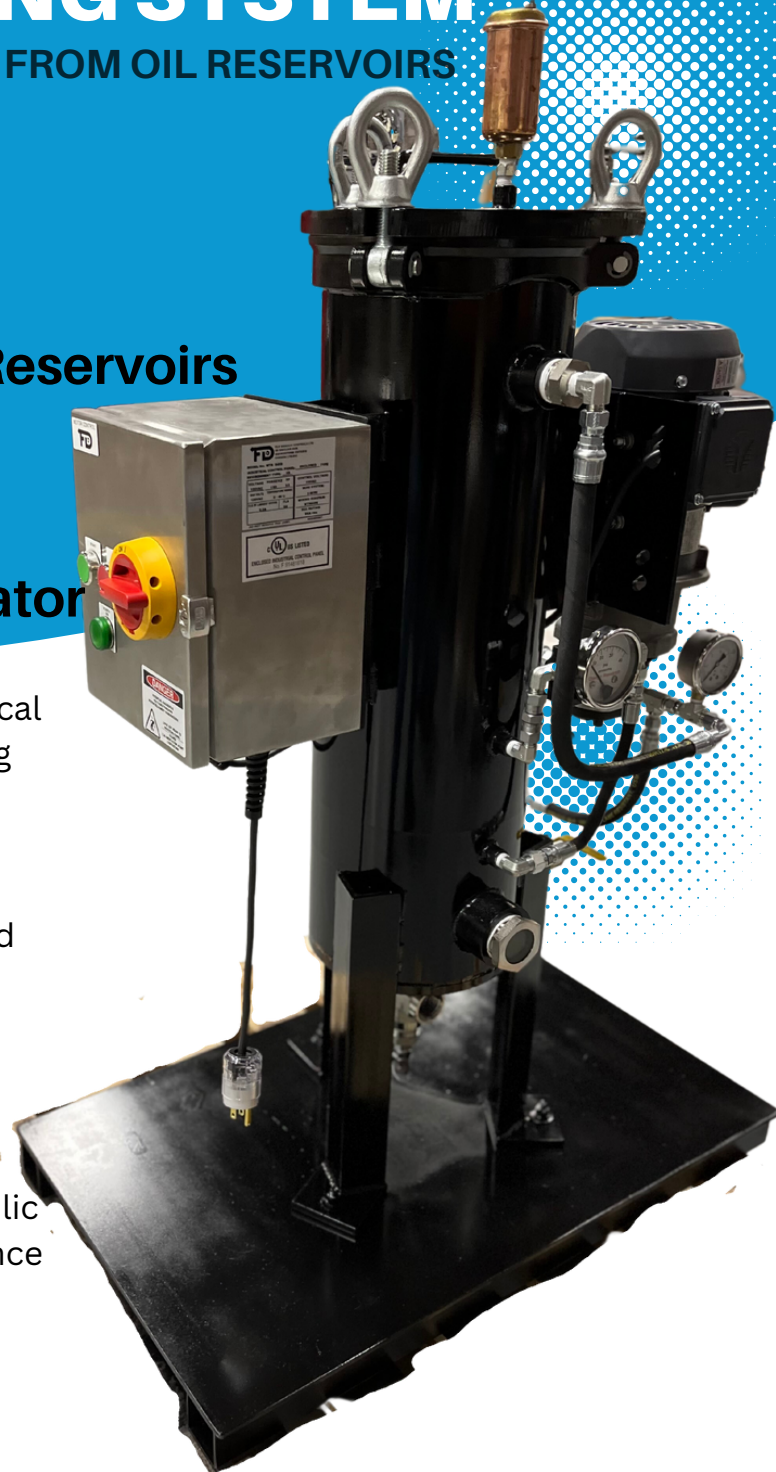
Water in lubricating oil causes significant mechanical problems with rotating equipment, such as bearing failure, corrosion and reduction of lubrication effectiveness.

Water in oil causes oxidation leading to varnish and increased formation of acids and other contaminants. This causes sludge buildup and reduces oil viscosity.

The CF-1 Oil Conditioning System rapidly removes free and emulsified water from lubricating, hydraulic and insulating oils improves equipment performance and reliability.

## Benefits

- **Extend Oil Life**
- **Reduce Bearing Failure**
- **Minimize Unplanned Downtime**
- **Extends Equipment Reliability**



## Technical Data

Pump: Gear pump

Electric Motor: .5 hp 120 V single phase electric motor

Flow: 1 GPM

Max. Operation Pressure: 58 psi

Viscosity range: Min. operation 10 cSt / Max. operation 200 cSt / Max. only for cold start 400 cSt

Suction Filter: Type Y filtration 500  $\mu\text{m}$

Filtration Rating: 1/3/6/10/25  $\mu\text{m}$   $\beta > 1000$  & Water Removal

Bypass valve: Rating 58 psi

Fluid Temperature: From 90° to 160°F

Protection Class: NEMA 4X

Seal: NBR

Fluid Compatibility: Turbine Oil, Insulating Oil, Hydraulic Oil

Weight: 230 LBS.

Dimensions: 30" x 18" x 28" H (Approx.)

Dirty Filter Indication: Differential Pressure Gauge



NEMA 4X Starter Box with main disconnect,  
run light and push button operation

