

PHOENIXTM

OPTIONAL ACCESSORY

PORTABLE INLINE OIL HEATER

Increases water dehydration
and removal from cold oils!

Gear Boxes

Hydraulic Systems

Lube Oil Systems

SOMETIMES OIL DEHYDRATION NEEDS A LITTLE HELP!

The Phoenix Membrane Oil Dehydrator and Purifier exclusively built by MSC Filtration Technologies is designed to remove 100% free, 100% emulsified and dissolved water contamination below 50 ppm in oils with viscosities of as high as 3000 cSt. In most cases the heat generated by the gearbox, hydraulic or lube oil system while it is operating is enough to maximize water removal. However cold stagnant oils can use a little help to increase the water removal rate of the Phoenix and insure maximum efficiency.

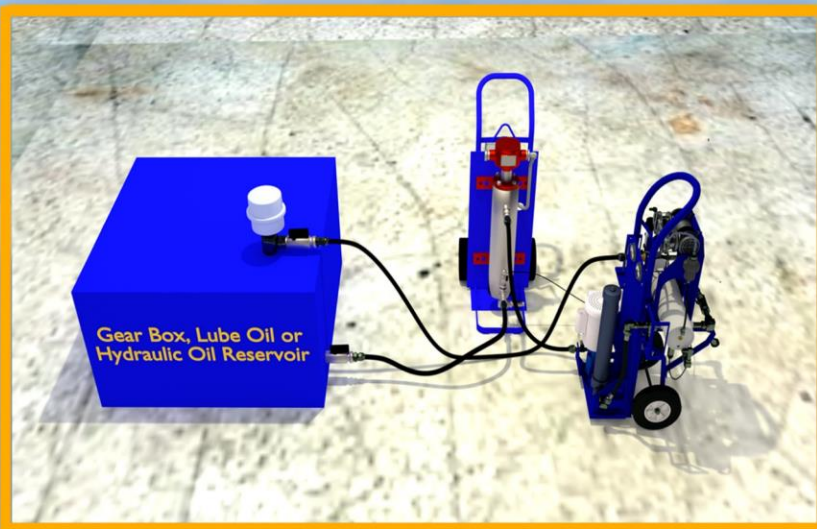
The PHX-110/220HEATER is an optional accessory that can be connected in series with the Phoenix Purifier to almost double water dehydration for every 20F the oil temperature is increased above 80F. Since it is set and forget and modular it maintains the simpleness and portability of the PHOENIX Technology.

This is especially helpful in applications such as

- Road Machinery Hydraulic Oil Reclaim
- Stagnant Oil Drum or Tote Reclaim and Purification
- Gear Boxes or Hydraulic Systems in Cold Climates
- Offline Gearboxes, Hydraulic or Lube Oil Systems
- Hydro Liftgate Gear Boxes



PHX-110/220HEATER



PHX-110/220HEATER and PHOENIX Purifier Typical Hook UP

INCLUDES

- 110V or 220V 1KW Oil Heater
- Insulated Steel Sheeth
- Powdercoated Cart or Stand
- No Flat Tires
- Manual Thermostadt 50-250F
- Nema 4 Control Box w 15A Breaker
- Green Light Indicator Power On Button
- Electric Cord with 15A Plug
- Auto High Temp Cutoff - 285F
- Auto High Temp Alarm Light
- Visual Oil Thermometer
- Heater Drain Valve

Specifications

Flow Rate:

1-8 gpm.

Maximum Pressure Ratings:

150 psig

Maximum Oil Viscosity:

3000 cSt

Oil Compatibility

Low Volatile Mineral Oils (Phosphate Ester Optional)

Electrical:

Nema 4 Standard (Explosion Proof Optional)

1 KW Heater (12 Watts/Sq In)

110V 8 amp or 220V 4 amp Single Phase Service

Other Voltages Optional

Weight & Dimensions:

L20" X W15" X H30"

90 LBS

Connections:

1" Male JIC Inlet and Outlet



Potential Applications/Industries

Power Generation

- * Combustion Turbine Lube
- * Coal Mill Gear Boxes
- * Conveyor Gear Boxes
- * Boiler Feed Pump Lube
- * EHC Control
- * Cooling Tower Gear Boxes
- * Scrubber Equipment Gear Boxes

Food and Beverage

- * Conveyor Gear Boxes

Agriculture

- * Conveyor Gear Boxes

Pulp and Paper

- * Wet end/dryer lube
- * Press section lube and hydraulics
- * Boiler Feed Pump lube
- * Cooling Tower Gear Boxes

Primary Metals

- * Roll mill gear and pinion lube

Transportation

- * Ship Board Hydraulic-Lube


Light Industrial

- * Blow Molding Hydraulic
- * Machine Tool Hydraulic
- * Injection Molding
- * Automotive transfer line Hydraulic Oil

Fuels and Chemical

- * Extruder Gear Boxes
- * Compressor Lube
- * Boiler Feed Pump Lube
- * Offshore Drilling Platforms

Ordering Information

PHX -  HEATER
VOLTAGE
110
220

MSC FILTRATION TECHNOLOGIES

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* Other voltages and services such as hazardous duty available upon request.