

Coalescer Fuel & Oil Purification System

COALESCER FUEL & OIL PURIFICATION SYSTEM

Oil Filtration Systems has combined the latest coalescing & micro-glass filter media technology into one system for efficient and cost-effective oil purification. Coalescer Fuel & Oil Purification Systems can quickly remove bulk water and particulate from lubrication, hydraulic, fuel oil, heat transfer, & dielectric oils. Coalescing technology enables you to remove bulk free water at extremely fast rates - previously this could only be done by centrifuges. Coalescing technology outperforms centrifuges, are simpler to use, lower cost to maintain, and are lower in initial purchase price.

PERFORMANCE

- Remove free & emulsified water down to 150 PPM.
- Remove particulate down to ISO 15/13/10.
- Purify to new oil specifications.
- Flow rates from 1 to 1000 GPM.

SIMPLICITY

- Compact, one button operation for continuous duty.
- No adjustments are needed.

RELIABILITY

- Designed to run continuous in an outdoor environment.
- Heavy-duty gear pump & electric motor.
- Virtually no mechanical maintenance.



20 GPM SYSTEM



Sample of ISO 32 Turbine Oil

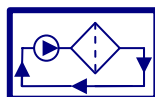
RESULTS:

BEFORE

Water Concentration - 1800 PPM
Particulate - ISO 20/19/17

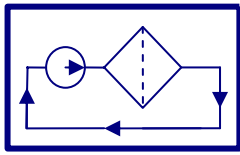
AFTER

Water Concentration - 148 PPM
Particulate - ISO 15/13/10



OIL FILTRATION SYSTEMS, INC.

Phone: 830-816-3332
Fax: 830-816-3331
www.oilfiltrationsystems.com



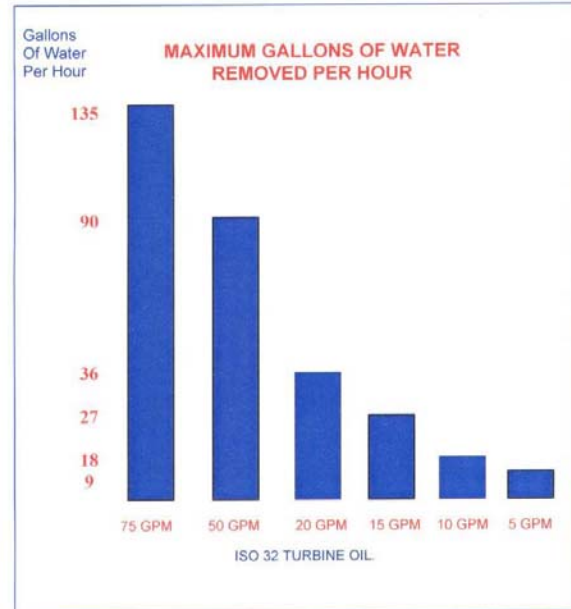
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COALESCER OIL PURIFICATION SYSTEM



Coalescer in use at Power Plant on Steam Turbine Lube Oil System

Gallons of water removed from oil per hour using an Oil Filtration System's Coalescer



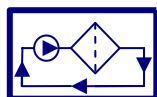
OPTIONS

- Permanent skid mounting or portable with push-rail and castors.
- A variety of flow rates are available from 1 to 1000 GPM. Typical models range from 10 to 75 GPM.
- Voltages from 120 / 240 volts single phase to 240 / 480 volts three phase.
- Electrical rating either NEMA 4 or NEMA 7 explosion proof.
- Adjustable discharge pressure from 50 to 150 psi.
- Particulate removal element options from 1 to 25 micron with Beta \geq 200 efficiency rating.
- Buna or viton seals.
- 10 GPM System weight & dimensions: 1,040 lbs. 40" L X 50" W X 60" H
- 20 GPM System weight & dimensions: 1,560 lbs. 40" L X 56" W X 65"

For customer options call or application engineering department @ 800-449-0262

System Sizes & Part Numbers:

5 GPM P/N:	COPS-5-420X-3kW-220-N4-B
Voltage:	220 V / 1 Phase
Standard Particulate Filter 1 Qty:	OFS-420X-3B
10 GPM:	COPS-10-820X-12kW-480-N4-B
Voltage:	480 V / 3 Phase
Standard Particulate Filters 2 Qty:	OFS-820X-3B
20 GPM:	COPS-20-840X-23kW-480-N4-B
Voltage:	480 V / 3 Phase
Standard Particulate Filters 2 Qty.:	OFS-840X-3B
30 GPM:	COPS-30-840X-36kW-480-N4-B
Voltage:	480 V / 3 Phase
Standard Particulate Filters 2 Qty:	OFS-840X-3B
50 GPM:	COPS-50-3/840X/2-44kW-480-N4-B
Voltage:	480 V / 3 Phase
Standard Particulate Filters – 2 Qty:	OFS-840X-3B
75 GPM:	COPS-50-3/840X/2-72kW-480-N4-B
Voltage:	480 V / 3 Phase
Standard Particulate Filter – 4 Qty:	OFS-840X-3B
100 GPM:	COPS-100-3/840X/2-88kW-480-N4-B
Voltage:	480 V / 3 Phase
Standard Particulate Filters – 6 Qty:	OFS-840X-3B



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