

THE SOLUTION TO OIL CONTAMINATION PROBLEMS

PLEASE ASK YOURSELF THESE QUESTIONS

To help determine your need, please ask yourselves these questions:

- What problems exist with your fluid handling systems?
- How many man-hours are lost due to oil spills?
- How much oil is lost with each spill?
- How does your oil handling impact the environment?
- Does your current fluid handling protect the integrity of the fluid?
- What EPA fines are paid each year?
- What employee health costs are related to oil spills each year?
- How many empty oil containers are generated each year?
- How do these empty containers impact your total HAZMAT expense?
- How many man-hours are spent in the processing of empty fluid containers?
- How do you prepare the empty containers for disposal?
- Will your waste disposal (recycler) take your used fluid containers?
- How many full containers of fluid do you throw away per year?
- How much of your engine repair is related to fluid contamination?

CLOSED CONTAINMENT IS YOUR ANSWER



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FluidTran, Inc. THE BEST IN FLUID HANDLING EQUIPMENT



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FluidTran, Inc.



FluidTran manufactures
and markets the safest and
most cost-effective
**closed-containment fluid
handling equipment and
systems.**

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THE IMPORTANCE OF CLOSED-CONTAINMENT

The purpose of this flyer is to create an awareness of closed or sealed containment systems for fluid handling. Based on years of aviation maintenance experience, FluidTran has seen the need for closed containment systems for these reasons.

1. The safety and operation of aircraft due to contaminant free fluids.
2. Reduce and/or eliminate spills and lost oil.
3. Protect maintenance personnel from unnecessary health risks related to fluid exposure.
4. Protect the integrity of the fluids.
5. Reduce costly fines from the EPA.

The expense of all of the above has a negative impact on your maintenance operation. Elimination of these will allow your operation to become safer and environmentally sound through **clean** fluid handling.

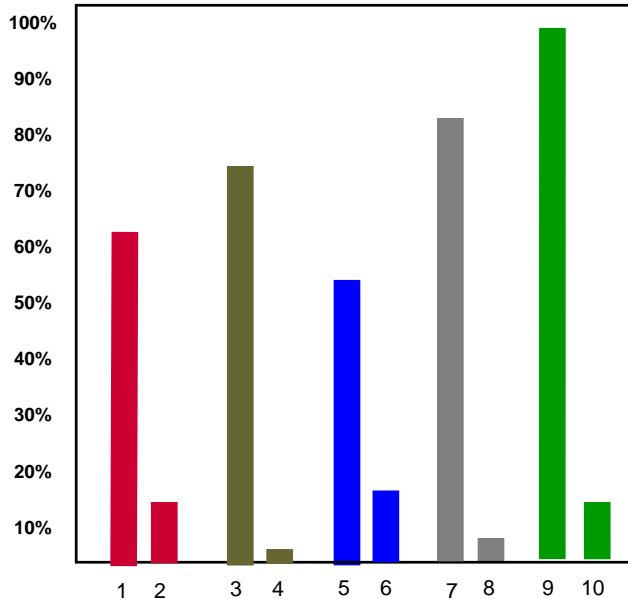
To the far right are two photos, one representing the open containment system showing the potential problems. The second displays closed containment, and the benefits of an environmentally sound fluid containment system.

WHY DOES CLOSED CONTAINMENT WORK?

Closed containment comes from the medical field. By protecting body fluids from bacteria and using specially sealed containers, our bodies can have fluids added without the threat of contamination.

These same theories can be used on aircraft and ground equipment. When using quick disconnect couplers, containers that are made from insulating materials like thick walled polyethylene, plus drying filters on the container vent, it will result in contaminant free fluids.

THE COMPARISON OF OPEN vs. CLOSED CONTAINMENT SYSTEMS



- 1 MAN-HOURS LOST WITH OPEN SYSTEM
- 2 MAN-HOURS LOST WITH CLOSED SYSTEM
- 3 OIL LOST WITH OPEN SYSTEM
- 4 OIL LOST WITH CLOSED SYSTEM
- 5 ENGINE REPAIRS DUE TO OPEN SYSTEM
- 6 ENGINE REPAIRS DUE TO CLOSED SYSTEM
- 7 HAZMAT EXPENSE WITH OPEN SYSTEM
- 8 HAZMAT EXPENSE WITH CLOSED SYSTEM
- 9 ENVIRONMENTAL IMPACT WITH OPEN SYSTEM
- 10 ENVIRONMENTAL IMPACT WITH CLOSED SYSTEM

This is a generalization demonstrating the problems and hidden costs of open containment.



OPEN CONTAINMENT
NOT ENVIRONMENTALLY SOUND
WASTES MONEY



CLOSED CONTAINMENT
ENVIRONMENTALLY SOUND
SAVES MONEY