



FluidTran Inc.™

**“Custom Designed Fluid Handling
Equipment & Systems”**

www.fluidtran.com

Problems Identified

- **Engine Components Degradation and Breakdown**
 - Condensation within metal canisters causes acidic reaction that erodes CSD components
- **Fluid Contamination**
 - Open fill and pour containers allow dust, dirt and other particulates to contaminate fluids and enter engine systems
- **Spillage, Leakage & Weepage**
 - Lost oils, environmental liabilities and health hazards contribute to increasing maintenance costs



High Cost of Lost Oils

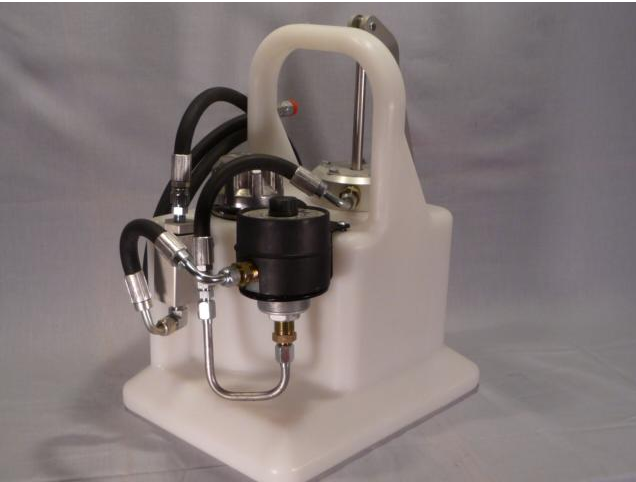


- Oil Spillage in maintenance area
- Approx. 1 cup lost per quart can
- Approx. 1 Qt. lost per 55 gallon drum



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Solution-Driven Product Line



Prevent Condensation

**Durable,
Non-Conductive,
Insulating,
Low-Density
Polyethylene Containers**



Added Components

Dessicant Filters



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Custom Design Capabilities



2-gal with water filter



Heavy Duty Cowl Pump (Boeing)



2-gal military prototype (U.S. Navy)



2-gal closed-containment with totalizer



Landing Gear Servicing Unit (Liebherr/Embraer)

Closed-Containment Fluid Transfer



Transferring fluids from the bulk storage container all the way to the aircraft without spillage or exposure to outside contamination.



Closed-Containment Components



Bung Kit enables maximum removal of fluids from 55 gallon drums

Bung Handle with **Quick Connect Coupler** seals drum



Transfer Pack provides compressed air driven transfer of fluids from drum to dispensers



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FluidTran Quality & Reliability

Hand Assembled Dispensers

- Over **20 years** proven flight line performance
- More fluid dispensed per pump action
- Design flexibility for adding accessories
- Compatible with all aircraft and fluid types

Light Weight, Translucent Dispensers

- Durable and transportable
- Easy to see fluid levels

Safety

- Eliminates spillage and leakage
- Reduces risk of fluid contamination
- Reduces employee risk
- Industry standard color coded signage helps prevent fluid cross-contamination.



Benefits to Maintenance Operations

- Improve Environmental Performance
- Improve Worker Safety
- Improve Aircraft Servicing Efficiencies
- Reduce the Cost of Lost Oils



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Value-Added Proposition

A “Green” Technology Solution
for
Reducing Overall Maintenance Costs
by

Reducing Environmental Liabilities
Reducing Employee Health Risks
Reducing Risk of Fluid Contamination
Reducing the Cost of Lost Oils
Reducing Servicing Man-Hours



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OUTCOME

Improved Sustainability

Improved Environmental Performance

Improved Resource Management

Improved Cost Controls

Big \$\$\$ Savings



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**Custom Designed
Fluid Handling
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Systems**

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