



Pall Corporation

Pall Portable Fluid Purifier for Aircraft Maintenance

New and more robust design offers upgraded features

Description

The Pall Aerospace portable fluid purifier is designed for removal of water, gases, solvents and particulates from oils such as:

- Hydraulic fluids
- Lubrication fluids
- Coolants

Reduce Operating Costs

- Significantly Extend Component Life
- Decrease Maintenance
- Increase Mission Availability
- Recycle Fluid / Significantly Reduce Waste

With over 45 years of fluid management experience, Pall is proven to bring its customers improved system performance solutions.

New Features

- 18" ground clearance
- Hose hanging brackets
- Additional power outlet
- Tow bar
- 20 foot retractable power cord
- Forklift slots
- Swivel-EAZ® polyurethane wheels



Keep it Organized!
Hose Hanging Brackets

Safety First!
18" Ground Clearance

Put a New Spin on It
Swivel-EAZ® Wheels

Pall Aerospace PE0109 Series Portable Fluid Purifier

Power Up

Additional Power Outlet

Well-Trained

Tow Bar

Go the Distance

20 Foot Power Cord

Need a Lift?

Forklift Slots



WS08 Integrated Water Sensor

WS09 Hand-Held Water Sensor

Technical Data

Part Number:	PE0109012HW83
NSN Number:	4330-01-588-8625
Dry weight:	550 lbs. (approx)
Overall dimensions:	Length: 46" (towbar retracted) Width: 40" Height: 56"
Circulation flow rate:	3 gpm (11 L/min.)
Fluid compatibility:	See note*
Fluid temperature range:	140° F Max.
Ambient service Temperature:	-14° F to +140° F
Water removal:	Pall portable fluid purifiers remove free water, free gases, dissolved water (up to 80% of ambient relative humidity) and dissolved air (up to 80%).

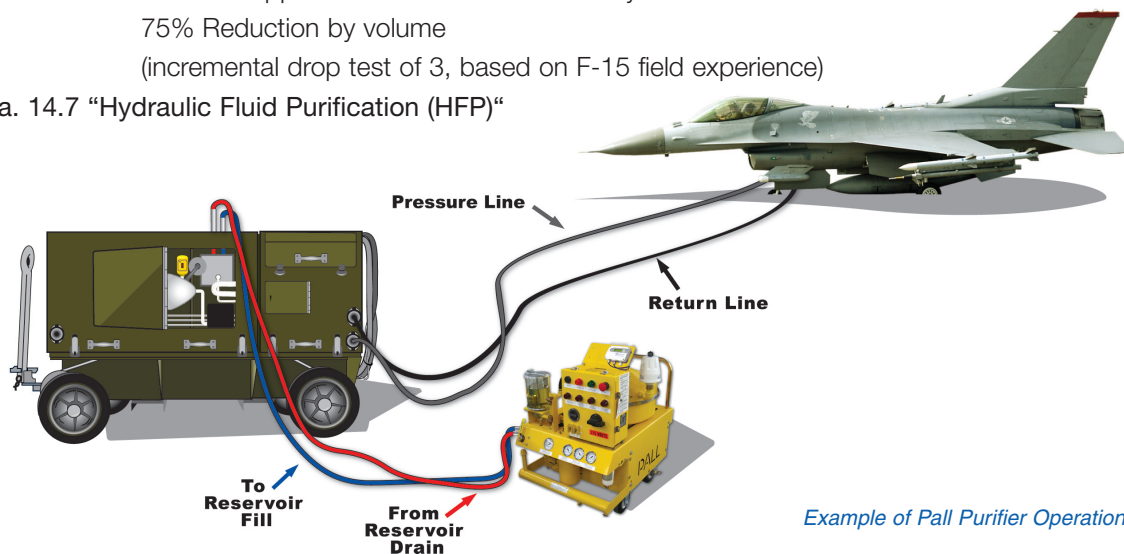
**Multiple voltages/fluid options are available. Please refer to the Pall Portable Fluid Purifier brochure for more information.*



Hydraulic Fluid Purification Results:

Aircraft Particulate Level:	NAS1638 class 5 or better
Aircraft Water Contamination:	Below 100ppm for mineral oils and PAO hydraulic fluids
Aircraft Air Removal:	75% Reduction by volume (incremental drop test of 3, based on F-15 field experience)

See AFI 21-101, para. 14.7 "Hydraulic Fluid Purification (HFP)"



Example of Pall Purifier Operation




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