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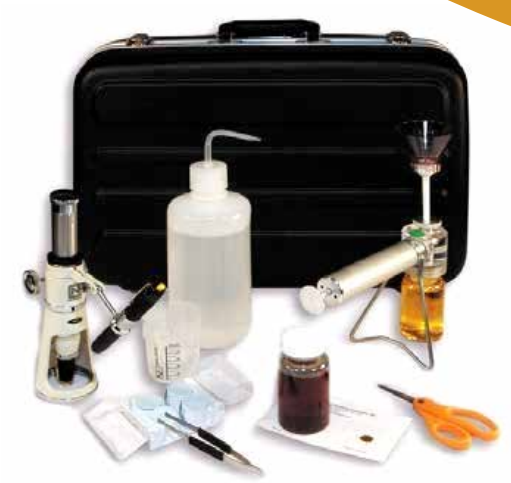

Donaldson. Filtration Solutions

PORTABLE FLUID ANALYSIS KIT

Item code: X009329-CATB

The Donaldson Portable Fluid Analysis Kit allows you to conduct immediate on-site particulate and water analysis in as little as ten minutes.

Using the patch test method, you can quickly and reliably assign a three-digit cleanliness code per ISO 4406-1999 to a given fluid sample.

Simply pull a 25ml fluid sample through a patch membrane filter and compare oil sample particle distribution with the Fluid Cleanliness Comparison guide (included) to assign an ISO Cleanliness Code.

FEATURES:

- A great alternative to expensive, portable electronic devices.
- The Donaldson Portable Fluid Analysis Kit includes enough supplies for 100 fluid samples.
- All apparatus is securely packaged and well-protected with laser-etched foam in a sturdy carrying case.
- Also included is a water test kit that can be used to determine the percentage of water in hydraulic and lubrication oils.
- The water test kit has five ranges from .005% to 12% water. measurements can be in parts per million or as a percentage of volume.
- Use this kit to determine which systems need improved filtration. When improvements are made, use it to monitor the cleanliness status of the system.
- The kit includes detailed operating instructions and a visual comparison guide.

SUGGESTED SAMPLING INTERVALS AND METHODS:

Hydraulic	250 - 500 hours	By vacuum pump through oilfill port of system reservoir at mid-level.
Gearboxes	750 hours	By vacuum pump through oil level plug or dipstick retaining tube.
Compressors	Monthly or at least every 500 hours	By vacuum pump through oil fill port of system reservoir at mid-level.
Turbines	Monthly or at least every 500 hours	By vacuum pump through oil level plug or dipstick retaining tube.

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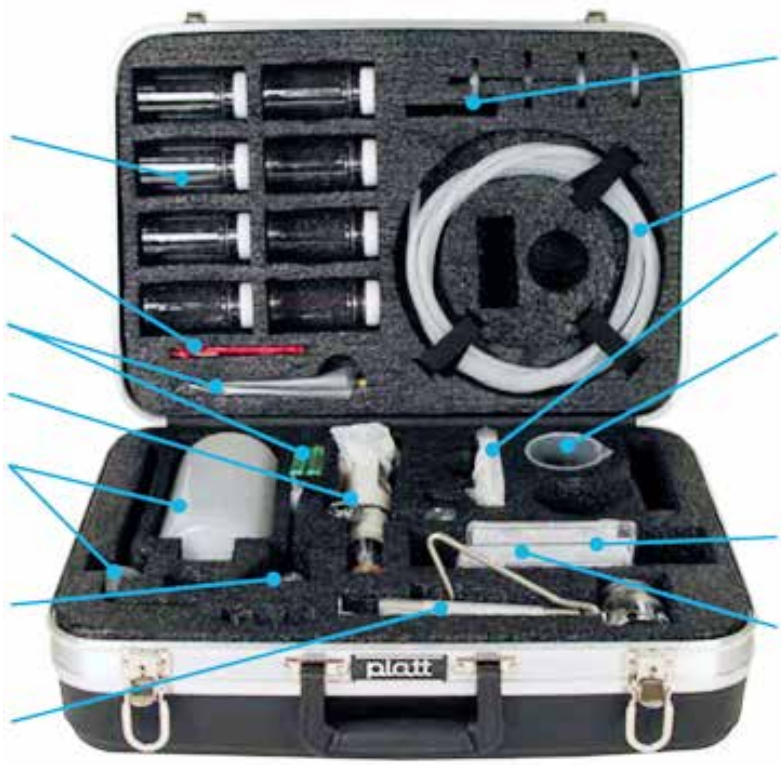

INSTRUCTIONS FOR USE:

1. Assemble the pump and funnel assembly and screw on empty sample bottle.
2. Place solvent dispensing bottle filter on spout of solvent dispensing bottle.
3. Wash funnel with solvent* and pull solvent through assembly with hand-operated vacuum pump.
4. Place a patch membrane in the funnel assembly.
5. Pour the fluid sample into the funnel and fill to the 25 ml level.
6. Pull sample through patch membrane with hand-operated vacuum pump.
7. Wash funnel with solvent and pull through patch membrane with hand-operated vacuum pump.
8. When sample passes completely through patch membrane, remove membrane with forceps, place on clean index card and immediately cover with adhesive analysis lamination cover.
9. View patch membrane through microscope and compare sight screen from 100x microscope to various pictures shown in the Fluid Cleanliness Comparison Guide (included in kit) to assign the appropriate ISO cleanliness code.

* Odorless mineral spirits.