

OIL FILTRATION SYSTEMS, INC.

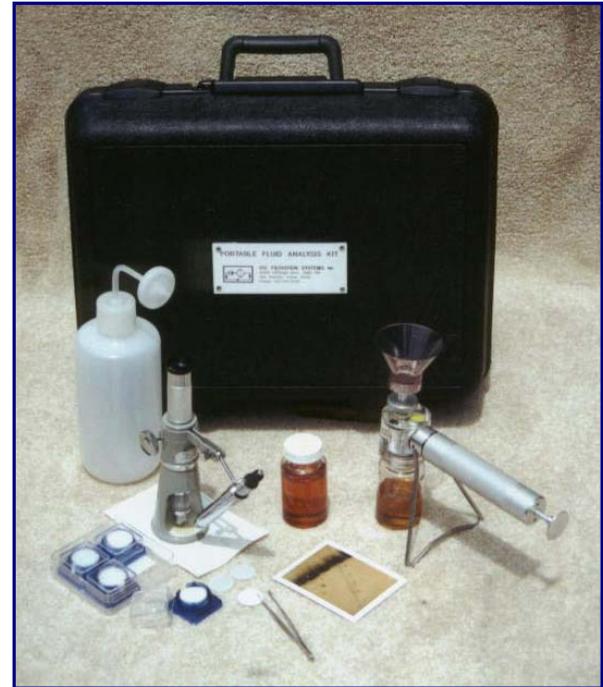
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PARTICULATE FLUID ANALYSIS KIT

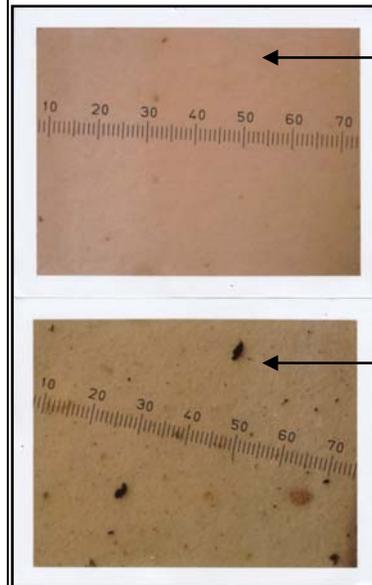
Oil Filtration Systems - Particulate Fluid Analysis Kit was developed to enable a person to conduct immediate oil analysis and obtain an immediate fluid cleanliness contamination level of the sampled fluid. The kit enables the end user to achieve an ISO Cleanliness Code Cleanliness Level in as fast as 15 minutes. You can use this kit to determine which systems need improved filtration. When improvements are made it can be used to monitor the systems cleanliness status. This kit is a great tool to demonstrate the effectiveness of Oil Filtration Systems Synthetic Media Particulate Removal Elements.

OPERATION

A minimum 25 ml fluid sample is needed per analysis. A 25 mm diameter 1 or 5 micron patch membrane is placed under the fluid funnel assembly. Then a 25 ml fluid sample is placed into the funnel assembly. With the funnel assembly attached to the vacuum pump the analysis can now be performed. The vacuum pump is then actuated which pulls the fluid from the funnel through the 25 mm patch membrane filter. Use the solvent to wash the funnel of all fluid residue. Then place the patch membrane onto the included 3/5 index cards and seal the patch membrane with the included adhesive laminating seals. The laminating seals keep outside particles from contaminating the patch membrane. Then use the 100X microscope to visually see the captured particles caught by the 1 or 5 micron patch membrane filters. This visual representation can be used to determine the ISO Fluid Cleanliness Class Range. See the two fluid sample photos at right of page for more detail.



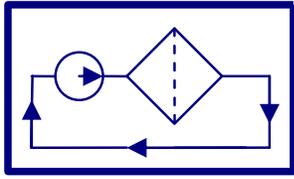
PARTICULATE FLUID ANALYSIS KIT



This is a clean fluid sample viewed through the 100X microscope. This corresponds to an ISO 14/12 cleanliness code.

This is a dirty fluid sample as viewed through the 100X microscope and corresponds to an ISO 17/15 cleanliness code.

The Particulate Fluid Analysis Kit includes enough supplies for 100 Fluid Samples. All apparatus is packaged in a Laser Etched Foam Filled Carrying Case. The Heavy Duty Carrying Case shall protect all apparatus for life. Call us for more information.



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WATER ANALYSIS TEST KIT (P/N: WATK-1)

Oil Filtration Systems – Water Analysis Test Kit is designed to enable a person to conduct onsite oil analysis and obtain immediate overall water content in a given fluid sample within 5 minutes. Compatible for use with all insulating, lubrication, hydraulic, gear, and fuel oils. The kit gives a digital reading in ppm or in % saturation, with ranges from 0-10,000 ppm and 0-1% or 0-10%. Accurate to +/- 100ppm, this kit can be used to determine which systems need improved moisture control and water removal. Once improvements are made, it can be used to monitor the system's cleanliness status.

OPERATION

A maximum 5ml oil sample is needed per analysis. Simply add 20ml of liquid reagent A and contents of granular reagent B to the oil sample in the kit reservoir, close lid, and shake for 1 minute. A graph of the water content will be plotted automatically on the control screen, and the overall water content will be digitally displayed in ppm or % saturation within 1-2 minutes on the control screen.

Each kit includes enough reagents to perform 50 tests, along with all required syringes and a pouring cup. It is housed in its own heavy-duty aluminum carrying case.

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For information & technical support help, call us at 830-816-3332 or toll free @ 800-449-0262



WATER ANALYSIS TEST KIT



Hand Held LCD Tester



**Verify water concentration in PPM.
Left Sample has 1600 PPM
Right Sample has 50 PPM**