

# WearCheck Oil Analysis Service

## How to Use the WearCheck Service



### HOW TO REMIT HONEYWELL OIL & FILTER (SOAP) SAMPLES

**MAKE SURE THE SAMPLE REPRESENTS THE CONDITION OF THE ENGINE.** The sample to be analyzed should be taken in accordance with appropriate maintenance manual procedures.

**MAKE SURE THE SAMPLE IS NOT CONTAMINATED WITH FOREIGN MATTER.** Remember, everything in the oil and filter - dirt, water, wear metals, solvents, etc., is evident in the analysis.

**Note:** P/N 831044-1 SOAP Kits for the TFE731 will no longer require the utilization of the sample tube and oil sample bottle. Oil for the analysis will be collected from the filter bottle. **When taking a sample for the TFE731, proceed to step 2.**

1. Using the tubing provided in the kit, remove a sample of the oil from the engine tank into the smaller container from the kit. Fill the container to approximately 1/2 inch from the top, SECURE THE LID SNUGLY.

2. **Note:** For the TFE731 engine, add approximately one to four ounces of oil from the filter bowl to the filter bottle for the oil analysis. Do not fill the container more than 1/4 full prior to inserting the oil filter. Remove the engine oil filter element and place it in the larger container from the kit. Be sure not to damage or mutilate the filter elements. Do not remove any trapped foreign material from the surface of the filter. ENCLOSE ONLY THE FILTER ELEMENT; NO ADDITIONAL OIL IS TO BE INCLUDED IN THE CONTAINER. SECURE THE LID SNUGLY.

3. Fill out the OIL SAMPLE SHIPPING FORM. The Shipping Form must be filled out completely or the results cannot be transmitted to the user effectively. RETURN ADDRESS AND TELEPHONE PORTION MUST BE COMPLETE AND LEGIBLE. RETURN COMPLETED FORM IN THE SPECIAL ENVELOPE PROVIDED. PLEASE KEEP THE FORM CLEAN AND FREE OF OIL. Note: International customers must complete TSCA Certification to avoid customer delay.

4. Prepare the sample for shipping. Once it has been determined that the sample containers DO NOT LEAK, seal them in the plastic bag provided and pack them in the pre-addressed shipping box. Insert the Oil Sample Shipping form in the special envelope. Seal the envelope and pack it in the box. Close the box and tape the flap for shipping.



Filter **1** and oil from filter in large container **2**. Oil sample **3**, from engine tank, filled 1/2" from top. Sample Shipping Form completed and placed in small plastic bag **4**. Filter container, sample bottle, and Sample Shipping Form all sealed within large plastic bag **5**.

**PLEASE MAIL THE OIL SAMPLE AND FILTER AS SOON AS POSSIBLE.** The oil analysis results are of greatest value when they represent the current condition of the engine. Delays in shipment will lessen the effectiveness in revealing the early signs of an impending problem. Samples should be shipped preferably by Air Freight or an express air delivery service.

The filter and oil sample will be examined within 24 hours after receipt of sample at the WearCheck SOAP Laboratory.

IF RESULTS OF ANALYSIS ARE "NORMAL", a written report will be sent by return mail within 48 hours after the analysis is completed.

IF THE SAMPLE IS SUSPECT OR SHOWS HIGHER THAN NORMAL CONTAMINATION, the individual specified on the Shipping Form will be notified by telephone or fax of the results within a 24 hour period after receipt of the sample. Specific recommendations with regard to the subject engine may be discussed at that time. A confirmation copy of the analysis results will follow by mail.

**More information on the Honeywell SOAP program may be obtained from SIL ATF3-5 (ATF3), SIL P331-97 (TPE331, TSE331), SIL F731-34 (TFE731), SIL APU-49 (APU).**

# WEAR CHECK

THE LEADER IN OIL ANALYSIS

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