



ALS Laboratory Group
Tribology

Aviation Oil Analysis – Sampling Instructions

If sampling a twin, mark bottles R&L or appropriate markings and place in one white mailing bag with all paperwork. White mailing bags will hold 2 bottles. Please refer to postal guidelines and affix the correct amount of postage on the white mailing bag to ensure delivery by the post office.

1. Take sample from same place each time.
2. Take sample before any required oil additions.
3. Print legibly. Make sure we can tell “5” from “S”, “2” from “Z”
4. Fill out the shipping form as completely as possible to receive the most precise analysis.
 - a. ACFT. Registration #. –All ACFT are filed by this number
 - b. Engine Manufacture/Model i.e.-Cont. TSIO 520 R
 - c. Serial # of Engine, Transmission, Hyd., Gear Box, Etc.
 - d. Time since Major OVHL (TSMOH).
 - e. Time since Top OVHL (TSTOH).
 - f. Time on oil – time since last oil change.
 - g. Quantity added – amount of oil added since last change.
 - h. General Comments:
 - Recent OVHL
 - ACFT Not Flown Regularly
 - Chrome Cylinders
 - Low Oil Pressure