OIL ANALYSIS KITS - ENGINE TREATMENT

AVIATION OIL ANALYSIS (AOA) KIT
A cost-effective service to enhance your aviation maintenance practices and provide confidence in the health of your engine. Aviation Oil Analysis (AOA) by ALS Tribology Division brings you a state-of-the-art oil analysis program designed specifically for aircraft owners. Oil analysis is an early warning system that reduces downtime, lowers maintenance costs, and helps you spot troubling issues before they become serious problems. AOA ‘basic’ kits can be ordered with or without return postage and include standard elemental analysis to detect evidence of engine component wear. A small vial, mailing bag, and information form are furnished with the order. Upon receipt at the laboratory in Phoenix, AZ, the oil sample is analyzed and a full report, including statistical analysis and interpretation, is forwarded within 24 hours and posted for viewing online. Note: insufficient postage will cause a delay in receipt of your sample, please consult your local post office or contact the laboratory (1-800-445-7930) regarding current postage rates.

### Description | Part No. | Price
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Basic Kit for Piston Engines (no return postage) | 08-00436 | $12.95
Basic Kit for Piston Engines (with return postage) | 08-16223 | $19.95
Basic Kit for Turbine Engines (no return postage) | 08-00435 | $13.95
Basic Kit for Turbine Engines (with return postage) | 08-16224 | $19.95
Advanced Kit for All Engines (with return postage) | 08-16225 | $24.65
Comprehensive Kit for All Engines (with return postage) | 08-16226 | $89.75

LAB ONE AVIATION (LOA) OIL ANALYSIS KIT
This kit includes a sample bottle, shipping container, and the paperwork. Upon receipt, your sample will be processed within 24 hours with the results emailed or mailed from Lab One in Phoenix, AZ. Can be used on any reciprocating or turbine engine and helicopter transmissions and tail rotors
P/N 08-01222 .......... $12.95

AVIATION LABS OIL FILTER ANALYSIS
Analysis of the oil filter only. The oil filter is rinsed and the debris removed is analyzed. The exact alloys present are identified by Scanning Electron Microscopy and EDXRF. The alloys are reported by AMS number. Amount, type, form and condition of particles are reported. Alloy spectra and metal maps for most aircraft engines. Filter analysis is a critical part of all preventative maintenance programs. Aviation Laboratories has been a leader in the development of filter analysis programs for aircraft engines since 1985. Analysis completed in 24 hours, pre-purchase inspection.
P/N 08-10692 ........ $64.75

OTHER OIL ANALYSIS KITS

### Description | Part No. | Price
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Aviation Labs RPL Oil Filter Analysis | 08-10693 | $79.95
Aviation Labs CF34 Oil Filter Analysis | 08-10694 | $86.75
Pw-Mod No Pw100 Oil Filter Analysis | 08-10695 | $86.75
Pw-Rdg No Pw100 Oil Filter Analysis | 08-10696 | $79.95
Aviation Labs PW905 Oil Filter Analysis | 08-10697 | $79.95
Aviation Labs E4F1 Oil Filter Analysis | 08-10698 | $80.95
Aviation Labs Clip F16A Analysis | 08-10700 | $129.95
Aviation Labs AE007 Oil Filter Analysis | 08-10699 | $79.95
Aviation Labs G0501-OE-PFC Oil Filter Analysis | 08-13634 | $199.75
Aviation Labs G0501-OE-FPC Oil Filter Analysis | 08-13635 | $199.75

AVBLEND LUBRICANT
An oil supplement for all piston engine-powered aircraft owners and operators worldwide. Providing critical lubrication at start-up, AvBlend helps prevent accumulation of combustion chamber areas. Wear is reduced, engines stay cleaner and combustion chambers stay properly sealed. FAA approved. 4-cylinder engines require 1 can at each oil change, and 6-cylinder engines require 2 cans.
12oz. can ............... P/N 08-05470 .......... $14.50
1Case (24 cans) ........... P/N 08-05470-1 .......... $319.00

LYCINGOM OIL ADDITIVE
Approved oil additive LW-16702 that contains an anti-scuffing agent and can dramatically reduce engine wear. Applicable to all Avco Lycoming piston aircraft engines, and factory recommends use at every oil change or every 50 hours, whichever occurs first. For 6-8 qt. sump, use one 6 oz. can, for 12-15 qt. sump, use (2) 6 oz. cans, for 17-19 qt. sump, use (3) 6 oz. cans, for 23 qt. sump, use (4) 6 oz. cans. P/N 08-06500 .......... $41.60

CAMGUARD OIL ADDITIVE
Designed to dramatically improve the performance of all mineral based, semi-synthetic and fully synthetic motor oils in the areas of corrosion protection, wear reduction, and seal protection. Designed to make regular engine oil what it needs to protect and lubricate any engine. A synergistic blend of advanced oil additives from all over the world, designed to reduce wear, curb deposit formation and improve wear protection for transmissions operating at high temperatures, Type I (MIL-L-7808) and Type II (MIL-L-23699) turbine oils, as well as wear resistance that is especially beneficial to military and other helicopters operating under unusual stresses. Mobil AGL is formulated with synthesized hydrocarbon-based fluids. The combination of a naturally high viscosity index and a unique proprietary additive system that enables the gear lubricant to provide outstanding performance in extreme service applications at high temperatures, well beyond the capabilities of mineral oils. Note: ExxonMobil recommends Mobil AGL for use in helicopter transmissions only. Before using Mobil AGL, operators should confirm the OEM’s approved transmission lubricants. Size: 5 Gallon. P/N 08-07048 .......... $419.00

MICROLON AIRCRAFT ENGINE TREATMENT
One-time metal treatment that virtually eliminates friction in all internal combustion engines which improves performance (horsepower), reduces fuel consumption, and extends engine life. Also decreases fuel consumption, reduces oil consumption, and lowers operating temperatures. Impregnates the engines bearing surfaces, forming a dry film lubricant that lasts no matter how many times the oil is changed. Continental A-65, C-85, and C-90 engines take the Half Kit. Most Lycoming and Continental engines used in light aircraft take the Single Kit. Turbocharged and Radial engines take from 2 to 6 Single Kits. Call for details if you have any questions on the quantity of Microlon needed for your application.
Microlon CL-100 Aircraft Kit (Single) ........... P/N 09-33805 .......... $119.95
Microlon CL-100 Aircraft Kit (Half) ............. P/N 09-33810 .......... $75.50

SHELL WATER DETECTOR
Water can occur in jet fuel in three forms, dissolved (chemically solved in the jet fuel), settled (as in free water at the bottom of the tank) or as finely dispersed undissolved water held in suspension. The Shell Water Detector is designed to detect undissolved water, it has been proven reliably for 30 years. This is water that a filter separator can remove, and is usually invisible to the naked eye in quantities below 40-60 ppm. P/N 08-13897 .......... $183.75

Price Subject to Change Without Notice