SLIME FIGHTER AIR-OIL SEPARATOR

Universal air-oil separator ideal for virtually any experimental aircraft. They are machined from aluminum stock and TIG welded by a certified welder. Oil separator is provided with a baffle, attached inside. This is a one pipe system with no extra drain lines or hoses required.

Oil drains back immediately to the engine and warm air without oil goes out. No back pressure. The unit is the size of a salt shaker and weighs only ounces. Installation instructions and fittings included. Easy to install. Currently in use on over 100 RV aircraft.

P/N 08-00661 ........................................ $163.95

SUPER SLIME FIGHTER®

Following in the success of the Slime Fighter® series of air separators, Aircraft Spruce now offers the Super Slime Fighter with the same ease of installation for large Lycoming engines found in aircraft such as the RV-10, Glassair III and the F1 Rocket. Installs in 20 minutes with no additional drain line required. Includes instructions. Clamps and hoses are only included in the RV-10 kit. RV-10 kit includes custom hose shape. Not FAA approved.

P/N 08-06151 .............................................. $219.95
RV-10 Experimental ........................................ $49.50

HOMEBUILDER’S OIL BREather/SEPARATOR

These 4 inch diameter reservoirs have beaded outlets for 3/8” I.D. hoses and a mounting flange for easy firewall attachment. These units are of a new, improved design and the reservoir body is now a spun aluminum bowl for optimum performance. The oil separators minimize oil loss and allow free breathing of the engine. They are recommended for experimental aircraft use only and are not STC’d for any certificated aircraft. Size: 4”x3.5”x3.75”.

P/N 08-00670 .............................................. $109.95

RMJ-AERO OIL SEPARATOR

Designed to remove oil from the engine crankcase breather line providing the builder with a cleaner plane, less oil consumption, and prolonged engine life from maximum cooking, cleaning, & lubrication. Fashioned after Tony Bingelis’ proven design, these separators incorporate several enhancements, including O-ring seals for the lid. Fabricated from aircraft quality materials, TIG welded, and anodized for corrosion control. They can be firewall or cooling baffle mounted with the cushion clamp provided. The design allows for easy installation in the breather line by the use of hose clamps. Oil from the separator is returned thru tubing to a port in your engine’s housing. Should your engine not have an available oil return port, RMJ-Aero can provide a Self Sealing Clamp-On Adapter filling your engine’s oil filler neck. Installation of this adapter is easy for both flying and aircraft construction. When clamped in place around the filler neck, the adapter provides a return port for separated oil and an integral seal, which prevents leakage. Installation & maintenance guidelines are included.

P/N 08-00672 .............................................. $84.90

ANDAIR AIR/OIL SEPARATOR

The OS8850 has been designed to remove the oil from the crankcase breather line on Lycoming and Continental Engines. This reduces oil consumption, cleaner aircraft, and environment. * Upper outlet can rotate through 360° allowing easy installation. * The unit can be dismantled for inspection/cleaning. * Vortex swirl separation. O-Ring seals. * Light weight: 6.4 oz. * 4 off-10 mounting lugs on the base of the separator for easy firewall mounting.

P/N 08-01034 .............................................. $334.00

ANDAIR CONDENSATION TRAP

This new device is a small and very light weight condensation trap. It is used to extract the water from the oil when used in conjunction with the Andair Air Separator. Water can build up in the engine due to water in the air condensing during a cold night. Overnight this water sinks to the bottom of the sump settling at the lowest point. This is generally where the oil pump pick up is. Therefore there is a real potential that if one of these devices is not used water can build up in the engine. Flight test have shown that the worst possible condition for water in the oil is on humid days, cold nights and when short flights are undertaken.

P/N 08-01035 .............................................. $112.75

METAL CHECK AIRCRAFT ENGINE OIL FILTER ANALYSIS KIT

This oil analysis kit is used for determination of the condition of oil wetted engine parts, even on the first sample. This laboratory analysis consists of ICP (Inductively Coupled Plasma Spectroscopy) quantitation of 12 wear metal elements for piston and turbine engines. The analysis is completed in 24 hours - abnormal results are communicated immediately. Available in two versions: with return postage included and without return postage included to fit your needs! AV Lab is recommended or authorized by most engine manufacturers. The kit is excellent for pre-purchase inspection.

OIL ANALYSIS RESULTS - INCLUDING INTERPRETATION AND STATISTICAL ANALYSIS, ARE AVAILABLE ONLINE.

Return Postage Included ....................................... P/N 08-00931 ........................................ $18.95
Return Postage Not Included ..................................... P/N 08-10691 ........................................ $14.95

OIL DIPSTICKS

New manufacture oil tank dipsticks stamped with proper calibration markings.

P/N 08-0037 ........................................................................ $46.65
P/N 08-04613 ............................................................. $46.50
P/N 08-04614 ............................................................. $49.50

VERNI-THERM VALVE

This oil valve is used for determination of the condition of oil wetted engine parts, even on the first sample. This laboratory analysis consists of ICP (Inductively Coupled Plasma Spectroscopy) quantitation of 12 wear metal elements for piston and turbine engines. The analysis is completed in 24 hours - abnormal results are communicated immediately. Available in two versions: with return postage included and without return postage included to fit your needs! AV Lab is recommended or authorized by most engine manufacturers. The kit is excellent for pre-purchase inspection.

OIL ANALYSIS RESULTS - INCLUDING INTERPRETATION AND STATISTICAL ANALYSIS, ARE AVAILABLE ONLINE.

Return Postage Included ....................................... P/N 08-00931 ........................................ $18.95
Return Postage Not Included ..................................... P/N 08-10691 ........................................ $14.95

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 determined by Scanning Electron Microscopy, and EDSRF. 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 critical for turbine engines because they generate predominately larger wear particles that are trapped by small micron filtration. The oil filter is rinsed and the exact alloys present in the debris are determined by SEM/EDXRF. The AMS number, amount, type, form, and condition of the particles are reported. Features: • Largest Oil Analysis Results Database • The Most Accurate Interpretive Results Guidelines • The Most Experienced staff • Recommended, Approved, or Authorized by Engine Manufacturers • 24 Hour a Day Service Available 7 Days a Week. Large Oil Analysis Kit.

P/N 08-06270 .............................................. $64.75

METAL CHECK ENGINE OIL ANALYSIS KIT FOR TC3 ENGINES

This oil analysis kit is used for determination of the condition of oil wetted engine parts, even on the first sample. This laboratory analysis consists of ICP (Inductively Coupled Plasma Spectroscopy) quantitation of 12 wear metal elements for TC3 engines. The analysis is completed in 24 hours - abnormal results are communicated immediately. AV Lab is recommended or authorized by most engine manufacturers. The kit is excellent for pre-purchase inspection.

OIL ANALYSIS RESULTS - INCLUDING INTERPRETATION AND STATISTICAL ANALYSIS, ARE AVAILABLE ONLINE.

P/N 08-07372 .............................................. $23.75

OTHER OIL ANALYSIS KITS

Description Part No. Price

Aviation Labs API Oil Analysis P/N 08-10693 ........................................ $79.95
Aviation Labs CF34 Oil Filter Analysis P/N 08-10694 ........................................ $79.95
PW-MOP-NOS PW100 Oil Filter Analysis P/N 08-10695 ........................................ $79.95
PW-RGS-NOS PW100 Oil Filter Analysis P/N 08-10696 ........................................ $79.95
Aviation Labs PW305 Oil Filter Analysis P/N 08-10697 ........................................ $79.95
Aviation Labs F44-33 Oil Filter Analysis P/N 08-10698 ........................................ $178.00
Aviation Labs Chip Flakes Analysis P/N 08-10699 ........................................ $129.95
Aviation Labs AF300 Oil Filter Analysis P/N 08-10700 ........................................ $79.95

Prices Subject to Change Without Notice