

# AIR OIL SEPARATORS – OIL ANALYSIS



## OIL FILTER BIB

For horizontal or angle-mounted filters. No more messy oil changes! Catches the Oil & the Filter. No Dripping. No Spillage. No Messy Clean-Ups. Easy To Use. Slide Bib Around the Oil Filter, pull up on Tabs and Tilt to Form a Seal, and unscrew the Oil Filter. Withstands High Temperature. Will not melt, weaken or leak from Hot Engine Oil and

Filter. Great for filters in tight places. Fits any sized filter. Disposable.  
3 pack ..... P/N 12-04883 ..... **\$11.95**  
10 pack ..... P/N 12-04884 ..... **\$33.95**



## 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 includes custom hose shape. Not FAA approved.

Standard (80HP-160HP) ..... P/N 08-13971 ..... **\$276.95**  
Mid-Size (160HP-220HP) ..... P/N 08-13972 ..... **\$318.00**  
Large (220HP-320HP) ..... P/N 08-13973 ..... **\$356.00**  
RV10 Experimental ..... P/N 08-06152 ..... **\$395.00**

## HOMEBUILDER'S OIL BREATHER/SEPARATOR



These 4 inch diameter reservoirs have beaded outlets for 5/8" 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 for free breathing of the engine. They are recommended for experimental aircraft use only and are not STC'd for any certificated aircraft. Size: 4" dia. x 3-3/8" h. .... P/N 10570 ..... **\$73.95**

## 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 alodined 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 utilizing your engine's oil filler neck. Installation of this adapter is easy for both flying and aircraft under 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.

Description	Part No.	Price
Oil Separator for Lycoming (3/4" inlet/outlet)	08-00571	<b>\$275.95</b>
Oil Separator for Cont. (5/8" inlet/outlet)	08-00572	<b>\$274.95</b>
Adapter for Lycomings	08-00577	<b>\$34.95</b>
Adapter for Continentals	08-00578	<b>\$35.50</b>

## ANDAIR OIL/AIR SEPARATOR



The OS8850 has been designed to remove the oil from the crankcase breather on Lycoming and Continental Engines. This gives reduced 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 10-32 mounting lugs on the base of the separator for easy fire wall mounting.  
P/N 08-01034 ..... **\$467.00**

## 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 Oil / 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 where short flights are undertaken.  
P/N 08-01035 ..... **\$147.75**

## METAL CHECK ENGINE OIL 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.

**Not applicable for hydraulic fluid.**

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

Return Postage Included ..... P/N 08-00931 ..... **\$29.95**  
Return Postage Not Included ..... P/N 08-10691 ..... **\$24.50**

## METAL CHECK AIRCRAFT ENGINE OIL FILTER ANALYSIS KIT



Includes oil and oil filter analysis. Oil filter debris analysis should be part of all preventative maintenance programs. 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 presents 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 ..... **\$109.85**

## CHAMPION OIL FILTER ANALYSIS KIT



Champion Oil Filter Analysis Kit can help you detect abnormal engine wear and even predict impending engine trouble, because it provides a comprehensive analysis of both the larger wear particles in the oil filter and the finer wear particles in the engines oil.

P/N 08-01051 ..... **\$167.95**

## OIL DIPSTICKS



New manufacture oil tank dipsticks stamped with proper calibration markings.

Dipstick Short Neck 9-1/2" ..... P/N 08-04612 ..... **\$65.75**  
Dipstick 6 Qt. Short Neck 11-3/4" for O-200, C-90

P/N 08-04613 ..... **\$67.75**

**VERNI-THERM VALVE** - Lycoming thermostatic oil cooler bypass valve wt. 4 oz. .... P/N 08-12154 ..... **\$439.00**

## THIXO # 2 AVIATION GREASE - 425 GRAM TUBE



Thixo #2 Aviation Grease: A high performance water resistant grease using advanced thickening agents and superior lubricant chemistry. Thixo #2 Aviation Grease is a specialty lubricant designed for specific aviation applications primarily to prevent rust, corrosion, and seizing of critical components in drives, hub sets and splines. Thixo#2 Aviation Grease demonstrates outstanding sheer stability and exhibits a broad temperature range (-35C to >250C) dependent on application requirements.

P/N 08-13829 ..... **\$32.50**

## THIXO SYNTHETIC AVIATION GREASE - 400 GRAM TUBE



Thixo SYN Aviation Grease: A high performance synthetic extreme temperature grease using overbased calcium sulphonate thickener and advanced lubricant chemistry. Specifically designed for aviation applications. Thixo SYN Aviation Grease is a specialty lubricant designed for specific aviation applications including helicopter rotor shafts, splines and hub assemblies for the Bell 206A, 206B and 206 L Models ..... P/N 08-13830 ..... **\$39.75**

## DOW CORNING 55 MOLYKOTE O-RING GREASE



Molykote 55 is a strong, silicone-based substance that will swell natural rubber and other materials to make a more powerful seal. Typical Use: Used for dynamic lubrication and sealing between rubber and metal parts in pneumatic valves. Typical applications are found within the aircraft, automotive and other industries.

5.3 oz. Tube ..... P/N 08-13684 ..... **\$49.85**  
8 Lb. Can ..... P/N 08-13685 ..... **\$673.00**