

Select from the CamGuard family of quality products for specific applications



Aviation



HD/Diesel



Automotive



Marine



Small Engine



GLOBAL AVIATION



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CamGuard™

AVIATION

ADVANCED ENGINE OIL SUPPLEMENT



- Fights Rust & Corrosion
- Reduces Cam & Lifter Wear
- Prevents Engine Deposits
- Conditions Engine Seals

CamGuard Aviation is a blend of high performance additives that fortify piston aircraft oils to provide the utmost in engine protection. Because of FAA regulations and costs, even the newest commercial aircraft oil technology is antiquated.

CamGuard Aviation addresses the complex interrelated problems of corrosion, deposits and wear in air-cooled piston aircraft engines.

CamGuard Aviation contains powerful multi-metal corrosion inhibitors that prevent rust and corrosion in infrequently used engines. Infrequent engine use can lead to rust pits forming on cam and lifter surfaces. This pitting can result in catastrophic spalling wear requiring a premature engine overhaul.

CamGuard Aviation contains advanced anti-wear additives to dramatically reduce the wear of cams, lifters, cylinders, rings, gears and valve guides.

CamGuard Aviation prevents scuffing wear from “dry starts” by maintaining an active lubricant film on critical parts, even after periods of prolonged activity.

CamGuard Aviation utilizes unique ashless deposit control additives that prevent the formation of varnish and carbon deposits throughout the engine.

CamGuard Aviation use in older engines allows component motions to free up sticky rings and valves, increasing compressions and reducing oil consumption.

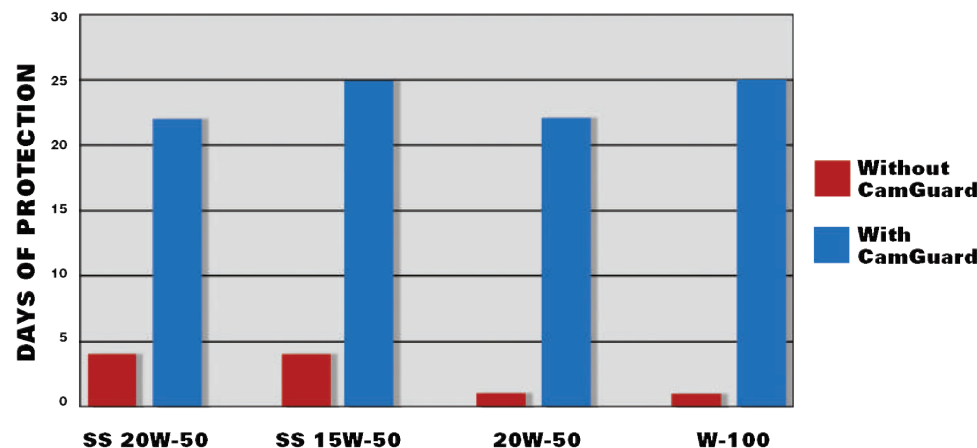
CamGuard Aviation contains seal conditioners that nullify the effects of heat and time to keep seals supple, flexible, and performing like new.



Manufactured by Aircraft Specialties Lubricants

aslcamguard.com

Increased Corrosion Protection with CamGuard Aviation



Four of the top selling piston aircraft oils were tested for corrosion resistance with and without the addition of CamGuard Aviation. The testing was performed at an independent laboratory utilizing the DIN 50017 humidity cabinet test. The DIN 50017 method demonstrates excellent field correlation, unlike the obsolete ASTM 1748 humidity cabinet test.

The graph indicates the average number of days until failure, which is defined as the observation of three 1mm spots of rust on the steel test panels. The red bars indicate time to failure for the untreated oils while the blue bars represent the corresponding oils with the addition of 5% CamGuard Aviation. All the oils show a remarkable improvement with the addition of CamGuard Aviation.



CamGuard Aviation was developed as an ultra-high performance aviation product.

The two photos at the left are pistons out of Lycoming IO-540 aircraft engines. The top piston is from our FAA certification engine using CamGuard for 500 hours. The certification test was in an aerobatic aircraft that utilized very high power settings resulting in extremely high temperatures.

The bottom piston was taken from a normal use engine, without CamGuard, for 500 hours. The difference in deposits is striking.

CamGuard is the *only* lubricant product to undergo certification testing in the extremes of aerobatic use.