



## Aviation Antirust Oil

Phillips 66 Aviation Antirust Oil is specially formulated to help protect aircraft piston engines against rust and corrosion during extended periods of inactivity. Airframe manufacturers have used it for many years as “Fly Away Oil” for new or rebuilt aircraft engines that are expected to sit idle for extended periods of time. Aviation Antirust Oil can be used as a “break-in oil” where an all mineral oil is desired and is particularly suited for situations where the engine to be broken in may not be immediately put into regular service.

When preparing an aircraft for storage, change oil using Aviation Antirust Oil as the fresh oil change. Start the aircraft engine and warm up to normal operating temperature prior to aircraft storage to ensure new oil is fully circulated throughout the engine and allowed to coat all engine parts. For best results, fly the aircraft prior to storage.

This oil is not designed to be everyday operational oil in aircraft that are flown frequently. Operation time on this oil should not exceed 10 hours. Aviation Antirust Oil does not contain ashless dispersant type additives. After bringing the plane or engine back into operation, this oil should be replaced with regular operational oil, such as X/C® 20W-50 Aviation Engine Oil.

Aviation Antirust Oil is compatible with our other aviation engine oil products and may be used as a “supplement” to those products to enhance rust and corrosion protections properties when they are used in infrequently flown aircraft, particularly where high humidity is a concern. When using as a supplement, add one quart of Aviation Antirust Oil to the engine in place of the normal operational oil.

### **Applications**

- Engine preservative oil
- Limited-time “break-in” oil

Aviation Antirust Oil meets the requirements of:

- SAE Standard J1966
- U.S. Military Specification MIL-C-6529C
- U.S. Military Specification MIL-L-6082E (Base Oil)

### **Features/Benefits**

- Excellent rust and corrosion protection

**Rust And  
Corrosion  
Preventive Oil  
For Aircraft  
Piston Engines**

### **Contact Information**

**U.S. Customer  
Service:  
1-800-822-6457**

**Technical Support:  
1-800-766-0050**

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## Aviation Antirust Oils

### Typical Properties

| SAE Grade                                  | 20W-50    |
|--|-----------|
| Gravity °API                               | 28.8      |
| Density, g/cm <sup>3</sup> @ 15.6°C (60°F) | 0.883     |
| Flash Point (COC), °C (°F)                 | 240 (464) |
| Pour Point, °C (°F)                        | -24 (-11) |
| Viscosity,                                 |           |
| cSt @ 40°C                                 | 176       |
| cSt @ 100°C                                | 19.1      |
| Viscosity Index                            | 123       |
| Cold Cranking Viscosity, cP @ -15°C        | 8,865     |
| Ash Content, SAE J1787, wt %               | Nil       |
| Copper Corrosion, ASTM D130                | Pass      |

### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Due to continual product research and development, the information contained herein is subject to change without notification.

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