

## AEROSHELL FLUID 2F

AeroShell Fluid 2F is an inhibited "flyaway" lubricating oil for the internal protection of piston engines during storage.

AeroShell Fluid 2F consists of three parts AeroShell Oil 100 (SAE J-1966 Grade SAE 50) with one part AeroShell Fluid 2XN (MIL-C-6529C Type I) – a corrosion preventative.

### APPLICATIONS

AeroShell Fluid 2F is used as a piston engine preservative oil, also as a "flyaway" oil, in place of the normal engine oil. A period of 15 minutes engine running under idling conditions is required to ensure adequate distribution throughout the engine. It can also be applied to other parts of the engine and its accessories by spraying. The ashless anti-corrosion additive package and highly refined mineral base oils protect the engine by minimising the effects of humidity and neutralising the acidic components of engine oil oxidation and combustion by-products.

After storage and before operating the engine, rotate the crankshaft by hand and drain off the preservative oil. An additional optional precaution is to flush the engine with the correct grade of AeroShell oil before draining and re-filling with fresh oil.

Operation of engines containing "flyaway" oils is limited to 50 hours maximum. Detailed instructions for inhibiting piston engines are given in specifications MIL-E-6058B and MIL-E-6059A and in relevant engine manufacturer's publications.

AeroShell Fluid 2F may be used in conjunction with Shell VPI 260 or VPI 280 if protection for extended periods is required.

### SPECIFICATIONS

<b>U.S.</b>	Approved MIL-C-6529C Type II
<b>British</b>	–
<b>French</b>	Equivalent to AIR 1503/B Type B
<b>Russian</b>	–
<b>NATO Code</b>	C-609
<b>Joint Service Designation</b>	OX-270 (obsolete)

PROPERTIES	MIL-C-6529C Type II	TYPICAL
Oil Type	–	Mineral
Kinematic viscosity      mm <sup>2</sup> /s @ 98.9°C @ 37.8°C	22.5 max –	20.0 265
Flashpoint, Cleveland Open Cup °C	204 min	257
Pourpoint                           °C	–12 max	Below –12
Relative Density @ 15.6/15.6°C	–	0.89
Carbon residue                   %m	2 max	0.45
Ash                                   %m	0.015 max	0.01
Lead corrosion, 4 hrs @ 149°C,                           mg/in <sup>2</sup>	70 max	14.3
Copper corrosion, 3 hrs @ 100°C	–	Passes
Rust protection (humidity cabinet)	–	Passes