

## AEROSHELL TURBINE OIL 3

AeroShell Turbine Oil 3 is a 3 mm<sup>2</sup>/s mineral turbine oil blended from mineral base stocks to which an anti-corrosion additive has been added.

### APPLICATIONS

AeroShell Turbine Oil 3 was developed for early pure jet engines and is still approved for some versions of these engines plus the Turbomeca Astazou, Artouste, Turmo, Bastan and Marbore engines.

AeroShell Turbine Oil 3 is widely used for inhibiting fuel systems and fuel system components during storage.

AeroShell Turbine Oil 3 is an analogue to the Russian Grade MK-8 and can therefore be used in engines which require the use of MK-8. It is also used as the mineral turbine oil component in the mixture of mineral turbine oil and piston engine oil used in Russian turbo-prop engines.

### SPECIFICATIONS

<b>U.S.</b>	–
<b>British</b>	Approved DEF STAN 91-99
<b>French</b>	Equivalent to AIR 3515/B
<b>Russian</b>	Analogue to MK-8
<b>NATO Code</b>	O-135
<b>Joint Service Designation</b>	OM -11

PROPERTIES	DEF STAN 91-99	TYPICAL
Oil type	Mineral	Mineral
Density @ 15°C	kg/l	0.875
Kinematic viscosity mm <sup>2</sup> /s @ 40°C @ -25°C	12.0 min 1250 max	12.28 1112
Pourpoint	°C	Below -45
Flashpoint Pensky Martin Closed Cup	°C	146
Total Acidity	mgKOH/g	0.15
Strong acid number	mgKOH/g	NIL
Copper corrosion 3 hrs @ 100°C	1 max	Passes
Saponification matter	mgKOH/g	0.25
Ash	% m/m	0.001
Aromatic content	%	6.0
Oxidation		
– total acid number increase	mgKOH/g	0.24
– asphaltenes	% m/m	0.09