

AEROSHELL TURBINE OIL 3

AeroShell Turbine Oil 3 is a 3 mm²/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

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

PROPERTIES	DEF STAN 91-99	TYPICAL
Oil type	Mineral	Mineral
Density @ 15°C	kg/l	0.875
Kinematic viscosity mm ² /s @ 40°C @ -25°C	12.0 min 1250 max	12.28 1112
Pourpoint	°C	Below -45
Flashpoint Pensky Martin Closed Cup	°C	144 min 146
Total Acidity	mgKOH/g	0.30 max 0.15
Strong acid number	mgKOH/g	NIL NIL
Copper corrosion 3 hrs @ 100°C	1 max	Passes
Saponification matter	mgKOH/g	1 max 0.25
Ash	% m/m	0.01 max 0.001
Aromatic content	%	10 max 6.0
Oxidation		
- total acid number increase	mgKOH/g	0.7 max 0.24
- asphaltenes	% m/m	0.35 max 0.09