



AeroShell Turbine Oil 2

AeroShell Turbine Oil 2 is a 2 mm²/s mineral turbine oil blended from mineral base stocks to which a pour-point depressant and an anti-oxidant have been added.

DESIGNED TO MEET CHALLENGES

Main Applications

- AeroShell Turbine Oil 2 is widely used for inhibiting fuel systems and fuel system components during storage.
- AeroShell Turbine Oil 2 is an analogue to the Russian Grade MK-8 and can therefore be used in engines which require the use of MK-8.

Specifications, Approvals & Recommendations

- Approved MIL - PRF - 6081D Grade 1010 (US)
- Equivalent to AIR 3516/A (French)
- Analogue to MK-8 (Russian)
- NATO Code O-133
- Joint Service Designation OM-10 (Obsolete)

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties		MIL-PRF-6081D Grade 1010	Typical
Oil type		Mineral	Mineral
Density	@15°C kg/l	-	0.875
Kinematic viscosity	@37.8°C mm ² /s	10.0 min	10.5
Kinematic viscosity	@-40°C mm ² /s	3000 max	2700
Viscosity stability 3hrs	@-40°C	2 max	0.2
Pour Point	°C	-57 max	Below -57
Flash Point	°C	132 min	154
Total Acidity	mgKOH/g	0.10 max	0.02
Colour		5.5 max	<0.5
Copper corrosion 3 hrs	@121°C	1 max	Passes
Trace sediment	ml/200ml	0.005 max	0.001
Corrosion & oxidation stability 168 hrs - metal weight change	@121°C	Must pass	Passes
Corrosion & oxidation stability 168 hrs - change in viscosity at 37.8°C	@121°C %	-5 to +20	Passes
Corrosion & oxidation stability 168 hrs - acid number change	@121°C mgKOH/g	0.2 max	Less than 0.2

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

• Health and Safety

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.shell.com/>

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.