Technical Data Sheet

AeroShell Fluid 2XN

AeroShell Fluid 2XN is a corrosion preventative concentrate from which AeroShell Fluid 2F is blended; the blending proportions are one part AeroShell Fluid 2XN to three parts Aeroshell Oil 100. In general, operators should obtain supplies blended ready for use in engines, unless the use of the concentrate is specified.

DESIGNED TO MEET CHALLENGES

Main Applications

AeroShell Fluid 2XN is primarily used as an ingredient of AeroShell Fluid 2F, but can be used undiluted to provide additional protection for piston engines after run-out on AeroShell Fluid 2F, by spraying exhaust ports, rocker arms, accessories.

For aircraft gas turbine engines a mixture of one part of AeroShell Fluid 2XN to three parts of AeroShell Turbine Oil 2 is required. Detailed instructions for inhibiting turbines are given in specification MIL-E-5607F.

The ashless anti-corrosion additive package together with the highly refined mineral base oil protects the engine by minimising the effects of humidity and neutralising the acidic components of engine oil oxidation and, in piston engines, the combustion byproducts as well.

Specifications, Approvals & Recommendations

- Approved MIL-C-6529C Type I (US)
- (Has adopted MIL-C-6529C Type I) Approved DTD900/4913A (Obsolete) (British)
- Equivalent to AIR 1503/B Type B Concentrate (French)
- NATO Code C-608
- Joint Service Designation ZX-21

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

Typical Physical Characteristics

Properties			Typical
Oil Type			Mineral
Kinematic viscosity	@37.8°C	mm^2/s	254
Kinematic viscosity	@98.9°C	mm^2/s	20.0
Flashpoint (Cleveland Open Cup)		°C	254
Pour point		°C	-17
Relative Density	@15.6/15.6°C		0.9
Carbon residue		%m	0.5
Ash		%m	0.01
Lead corrosion, 4 hrs	@149°C	mg/in2	35
Copper corrosion, 3 hrs	@100°C		Passes
Rust protection (humidity cabinet)			Passes

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.