Technical Data Sheet

AeroShell **Calibrating** *Fluid 2*

AeroShell Calibrating Fluid 2 is composed of Specially Run Stoddard Solvent and is used for calibrating aircraft fuel system components.

DESIGNED TO MEET CHALLENGES

Main Applications

AeroShell Calibrating Fluid 2 is intended for the calibration of fuel system components of aircraft turbine engines.

Specifications, Approvals & Recommendations

- MIL-PRF-7024E Type II (US)

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Typical Physical Characteristics

Properties			MIL-PRF-7024E Type II	Typical
Oil Type			-	Mineral
Relative density	@15.6/15.6°C		0.77 ± 0.005	0.77
Temperature – density variation	@15°C		-	0.7705
Temperature – density variation	@30°C		-	0.759
Temperature – density variation	@40°C		-	0.752
Temperature – density variation	@80°C		-	0.7225
Kinematic viscosity	@10°C	mm^2/s	-	1.46
Kinematic viscosity	@25°C	mm^2/s	1.17 ± 0.05	1.15
Kinematic viscosity	@40°C	mm^2/s	–	0.95
Flashpoint by TAG method		°C	38 min	43
Distillation	IBP	°C	149 min	158
Distillation	End point	°C	210 max	196
Distillation	Recovery	%	98.5 min	98.5
Total Acid Number		mgKOH/g	0.015 max	0.007
Colour, saybolt			–	30
Copper corrosion 3 hrs	@100°C		Must pass	Passes
Aromatics		% vol	20 max	< 1.0

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.