Technical Data Sheet

AeroShell **Calibrating** *Fluid 2*

Special kerosine for aircraft fuel system calibration

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-7024G Type II

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

Typical Physical Characteristics

Properties			Method	MIL-PRF-7024G Type II	Typical
Relative density	@15.6/15.6°C		ASTM D4052 / D1298	0.77 ± 0.005	0.770
Kinematic Viscosity	@25°C	mm^2/s	ASTM D445	1.17 ± 0.05	1.17
Flash Point		°C	ASTM D56	38 min	>40
Initial Boiling Point		°C	ASTM D86	149 min	160
Final Boiling Point		°C	ASTM D86	210 max	200
Recovery		%	ASTM D86	98.5 min	>98.7
Total Acid Number		mgKOH/g	ASTM D3242	0.015 max	0.014
Copper Corrosion	3 hrs @ 100°C		ASTM D130	1 max	1A
Aromatics		%vol	ASTM D1319	20 max	<10
Existent Gum		mg/100ml	ASTM D381	5.0 max	<1
Olefin content		%vol	ASTM D1319	5.0 max	<5
Benzene		%vol	ASTM D3606	0.01 max	<0.01
Particulate matter		mg/l	ASTM D2276 / D5452	2.0 max	<2
Mercaptan Sulfur (Doctor Test)			ASTM D4952	Sweet	Sweet

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**

  This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

  Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from https://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 on applications not covered here may be obtained from your Shell representative.