



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
Oil Type			-	Mineral
Relative density	@15.6/15.6°C	ASTM D4052 / D1298	0.77 ± 0.005	0.766
Colour (Saybolt)		ASTM D156	-	30
Kinematic Viscosity	@25°C mm ² /s	ASTM D445	1.17 ± 0.05	1.2
Flash Point	°C	ASTM D56	38 min	43
Distillation - Initial Boiling Point	°C	ASTM D 86	149 min	152
Distillation - Final Boiling Point	°C		210 max	196
Distillation - Recovery	%		98.5 min	99
Total Acid Number	mgKOH/g	ASTM D3242	0.015 max	0.003
Copper Corrosion	3 hrs @ 100°C	ASTM D130	Must pass	Passes
Aromatics	% vol	ASTM D1319	20 max	<7
Existent Gum	mg/100ml	ASTM D381-1	5.0 max	<5
Olefin content	%v	ASTM D1319	5.0 max	<5
Particulate matter	mg/l	ASTM D2276 / D5452	2.0 max	<1
Benzene	%vol	ASTM D3606	0.01 max	<0.01
Mercaptan Sulfur (Doctor Test)		ASTM D4952	Sweet	0-29

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**

AeroShell Calibrating Fluid 2 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**

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