

## Gasoline, Aviation, Grades UL94

<b>Product:</b> AVGAS UL94	<b>Applicable standards:</b> ASTM D7547-23	<b>Use:</b> Aviation gasoline intended primarily for use in aircraft spark ignition reciprocating engines
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Sales specification	Units	Grade UL94
Appearance		Dyed Purple
Tetraethyl Lead Content	gPb/l	Max 0.013
Sulphur, total	% (m/m)	Max 0.05
Potential Gum	mg/100ml	Max 6.0
Density at 15°C	kg/m <sup>3</sup>	report only
Freezing Point	°C	Max minus 58.0
Motor Octane Number (MON)		Min 94.0
Specific Energy	MJ/kg	43.50
Copper Strip	Class	Max 1
Volume Change	ml	Max 2
Electrical Conductivity	pS/m	Min 50 / Max 600
<b>Distillation</b>		
Vapour Pressure at 38 °C	kPa	Min 38.0 / Max 49.0
Temperature at % of fuel evaporated		
10 vol %	at °C	Max 75
40 vol %	at °C	Min 75
50 vol %	at °C	Max 105
90 vol %	at °C	Max 135
Final Boiling Point	at °C	Max 170
Residue	% (v/v)	Max 1.5
Loss	% (v/v)	Max 1.5
<b>Corrosion</b>		
Copper strip, 2hr at 100 °C		Max class 1
<b>Contaminants</b>		
Oxidation Stability, 5 Hours aging		
Potential Gum	mg/100ml	Max 6
Lead Precipitate	mg/100ml	Max 2
Water reaction volume change	ml	± 2

### Additional Information

1. Visual appearance should be clear, bright and visually free from solid matter and undissolved water at ambient fuel temperature.
2. Conductivity additive may have been used to ensure electrical conductivity meets the specification limits.
3. Health, Safety and Environmental information is given on Material Safety Data Sheet.

**All Greenenergy fuels are designed for optimum operating and emissions performance.**  
**For further information phone 020 7404 7700.**