



## Gasoline, Aviation, Grade UL94

|                               |                                               |                                                                                                              |
|-------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Product:</b><br>AVGAS UL94 | <b>Applicable standards:</b><br>ASTM D7547-23 | <b>Use:</b><br>Aviation gasoline intended primarily for use in aircraft spark ignition reciprocating engines |
|-------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------|

| Sales specification                 | Units             | Grade UL94          |
|-------------------------------------|-------------------|---------------------|
| Appearance                          |                   | Colourless          |
| 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 |                   |                     |
| 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.**