

## Petrol

<b>Product:</b>	<b>Applicable standards:</b>	<b>Use:</b>	
Ultra Low Sulphur Petrol	IS EN 228:2012 + A1:2017 (Table 2 – for E5) DfT exemption	In petrol engine vehicles designed to run on unleaded petrol, including those equipped with devices to reduce exhaust gas pollutants	
<b>Sales specification</b>	<b>Units</b>	<b>Minimum</b>	<b>Maximum</b>
Research octane number (RON)	–	95.0	–
Motor octane number (MON)	–	85.0	–
Lead content	mg/l	–	5.0
Density at 15°C	kg/m <sup>3</sup>	720.0	775.0
Sulphur content	mg/kg	–	10.0
Oxidation stability	minutes	360	–
Existent Gum (solvent washed)	mg/100ml	–	5
Copper strip corrosion (3 hrs at 50°C)	rating	Class 1	Class 1
Hydrocarbon type content – Olefins	% (v/v)	–	18.0
Hydrocarbon type content – Aromatics	% (v/v)	–	35.0
Benzene	% (v/v)	–	1.0
Oxygen content	% (m/m)	–	2.7
<b>Oxygenates content</b>			
Methanol	% (v/v)	–	3.0
Ethanol (including bioethanol)	% (v/v)	–	5.0
Iso-propyl alcohol	% (v/v)	–	10.0
Iso-butyl alcohol	% (v/v)	–	10.0
Tert-butyl alcohol	% (v/v)	–	7.0
Ethers (5 or more C atoms)	% (v/v)	–	15.0
Other oxygenates	% (v/v)	–	15.0
<b>Vapour pressure (DVPE)</b>			
Summer (1 June - 31 August)	kPa	45.0	70.0
Intermediate (1 Sept - 15 Oct)	kPa	45.0	100.0
Winter (16 Oct - 15 April)	kPa	70.0	100.0
Intermediate (16 April - 31 May)	kPa	45.0	100.0
<b>Vapour Lock Index (10VP + 7E70)</b>			
16 April - 31 May	–	–	n/a
1 September - 15 October	–	–	1250
<b>Distillation characteristics</b>			
Evaporated at 70°C E70			
Summer (1 June - 31 August)	% (v/v)	20.0	48.0
Intermediate (1 Sept - 15 Oct)	% (v/v)	20.0	50.0
Winter (16 Oct - 15 April)	% (v/v)	22.0	50.0
Intermediate (16 April - 31 May)	% (v/v)	20.0	50.0
Evaporated at 100°C E100			
Evaporated at 100°C E100	% (v/v)	46.0	71.0
Evaporated at 150°C E150			
Evaporated at 150°C E150	% (v/v)	75.0	–
Final boiling point	°C	–	210
Distillation residue	% (v/v)	–	2

### Additional Information

1. Appearance should be clear and bright, free from undissolved water, sediment and suspended matter.
2. The Summer and Winter dates specified above apply to to petrol at the point of supply to the consumer.
3. DfT exemption for VLI limit from 16 April – 31 May 2020.
4. Performance additives (detergents, etc.) are added as necessary at depots.
6. Health, Safety and Environmental information is given on the Material Safety Data Sheet.

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