

## Greenergy 99 Octane Petrol

Product	Applicable Standards	Use
Ultra Low Sulphur Petrol (ULSP)	BS 7800 and BS EN 228:2000 HM C&E ULSP requirements	A higher octane fuel for use in engines designed to run on unleaded petrol.

  

Sales Specification	Units	Min	Max
Research Octane number (RON)	-	99.0	-
Motor Octane number (MON)	-	87.0	-
Lead content	mg/l	-	5.0
Density at 15°C	kg/m <sup>3</sup>	720.0	775.0
Sulphur content	mg/kg	-	50.0
Oxidation Stability	minutes	360.0	-
Existent Gum (solvent washed)	mg/100ml	-	5.0
Copper Strip Corrosion (3hrs at 50°C)	rating	-	Class 1
Hydrocarbon Type content		-	
Olefins	%(v/v)	-	18.0
Aromatics	%(v/v)	-	35.0
Benzene content	%(v/v)	-	1.0
Oxygen content	%(m/m)	-	2.7
Oxygenates content	%(v/v)	-	-
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)	-	10.0
Vapour Pressure (DVPE)			
Spring (16 April - 31 May)	kPa	45.0	100.0
Summer (16 April - 31 August)	kPa	45.0	70.0
Autumn (1 September - 15 October)	kPa	45.0	100.0
Winter (1 September - 15 April)	kPa	70.0	100.0
Vapour Lock Index (=10VP + 7E70)			
16 April - 31 May	-	-	1250.0
1 September - 15 October	-	-	1250.0
Distillation Characteristics			
Evaporated at 70°C E70			
Spring (16 April - 31 May)	%(v/v)	20.0	50.0
Summer (16 April - 31 August)	%(v/v)	20.0	48.0
Autumn (1 September - 15 October)	%(v/v)	20.0	50.0
Winter (1 September - 15 April)	%(v/v)	22.0	50.0
Evaporated at 100°C E100	%(v/v)	46.0	71.0
Evaporated at 150°C E500	%(v/v)	75.0	-
Final Boiling Point	°C	-	210.0
Distillation Residue	%(v/v)	-	2.0

  

**Additional Information**

- Appearance should be clear and bright, free from undissolved water, sediment and suspended matter.
- The Summer and Winter dates specified above apply to petrol being delivered from our depots.
- Performance additives (detergents, etc.) are added as necessary at depots.
- Health, Safety and Environmental information is given on Material Safety Data Sheet MSDS CP 2003.