

Tesco 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 ³ | 720.0 | 775.0 |
| Sulphur content | mg/kg | - | 10.0 |
| 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 (1 June - 31 August) | kPa | 45.0 | 70.0 |
| Autumn (1 September - 15 October) | kPa | 45.0 | 100.0 |
| Winter (16 October - 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 (1 June - 31 August) | %(v/v) | 20.0 | 48.0 |
| Autumn (1 September - 15 October) | %(v/v) | 20.0 | 50.0 |
| Winter (16 October - 15 April) | %(v/v) | 22.0 | 50.0 |
| Evaporated at 100°C E100 | %(v/v) | 46.0 | 71.0 |
| Evaporated at 150°C E150 | %(v/v) | 75.0 | - |
| Final Boiling Point | °C | - | 210.0 |
| Distillation Residue | %(v/v) | - | 2.0 |

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 petrol being delivered from our depots.
3. Performance additives (detergents, etc.) are added as necessary at depots.
4. Health, Safety and Environmental information is given on Material Safety Data Sheet MSDS CP 2003.