

SULPHUR FREE UNLEADED PETROL EN228

| | Unit | MIN | MAX | Test method | |
|---|-------------------|---------|-------|--------------|--------------------------|
| Appearance | Clear and bright | | | Visual | |
| Density at 15°C | kg/m ³ | 720,0 | 755,0 | EN ISO 3675 | |
| Octane | RON | 95,0 | - | EN ISO 5164 | |
| | MON | 85,0 | - | EN ISO 5163 | |
| Lead content | mg/l | - | 5,0 | EN 237 | |
| Sulphur | mg/kg | - | 10,0 | EN ISO 20846 | |
| Oxidation stability | g/m ³ | - | 25 | EN ISO 7536 | |
| Existent Gum | mg/100ml | - | 5 | EN ISO 6246 | |
| Copper strip corrosion – (3 Hrs @ 50°C) | Rating | Class 1 | | EN ISO 2160 | |
| Olefins content | | | 18 | EN 14517 | |
| Aromatics content | | | 35 | EN 14517 | |
| Benzene content | | | 1,00 | EN 238 | |
| Oxygen content | | | 2,7 | EN 1601 | |
| Oxygenates content : | | | | | |
| Methanol | % V/V | - | 3,0 | EN 1601 | |
| Ethanol | % V/V | - | 5,0 | EN 1601 | |
| Iso-propyl alcohol | % V/V | - | 10,0 | EN 1601 | |
| Iso-butyl alcohol | % V/V | - | 10,0 | EN 1601 | |
| Tetra-butyl alcohol | % V/V | - | 7,0 | EN 1601 | |
| Ethers (5 or more C atoms) | % V/V | - | 15,0 | EN 1601 | |
| Other Oxygenates | % V/V | - | 10,0 | EN 1601 | |
| Distillation: | | | | | |
| % (V/V) recovered at 70°C (E70) | Summer | % V/V | 20 | 48 | EN ISO 3405 ² |
| | Transition | % V/V | 20 | 50 | EN ISO 3405 ² |
| | Winter | % V/V | 22 | 50 | EN ISO 3405 ² |
| % (V/V) recovered at 100°C | % V/V | 46 | 71 | EN ISO 3405 | |
| % (V/V) recovered at 150°C | % V/V | 75 | - | EN ISO 3405 | |
| Final Boiling Point | °C | - | 210 | EN ISO 3405 | |
| Distillation Residue | % V/V | - | 2 | EN ISO 3405 | |
| Vapour Lock Index: 10xVP +7xE70 | | - | 1250 | | |
| Vapour Pressure (VP) | kPa | 45,0 | 70,0 | EN 13016-1 | |
| | Summer | kPa | 45,0 | 100,0 | EN 13016-1 |
| | Transition | kPa | 45,0 | 100,0 | EN 13016-1 |
| | Winter | kPa | 70,0 | 100,0 | EN 13016-1 |

Notes:

- This specification meets or exceeds EN 228: 2008.
- The seasonal periods are:-

Summer period: 1st June to 31st August
 Transition period: 16th April to 31st May and 1st September to 15th October
 Winter Period: 16th October to 15th April.