



Unleaded Petrol UK Marketing Specification

Component Name	Units	Min	Max	Method	
Appearance (@ 15 Deg C)		C&B, Free from Visible Sediment & Water		Visual	
Copper Corrosion	3hr @ 50 °C		Class 1	EN ISO 2160	
Density	kg/l @ 15 °C	0.7200	0.7750	EN ISO 12185	
% Evap @ E70 deg C	(Summer)	Vol %	22.0	50.0	EN ISO 3405
	(Intermediate)		22.0	52.0	
	(Winter)		24.0	52.0	
			46.0	72.0	
% Evap @ 100 deg C			75.0		
% Evap @ 150 deg C					
% Residue			2		
Final Boiling Point	°C		210.0		
Doctor Test		-ve / -ve		EN 237	
Existent Gum (Solvent Washed)	mg / 100ml		5	EN ISO 6246	
Lead	mg/l		5.0	EN ISO 5163	
Manganese Content	mg/l		2.0	EN 16135	
Odour		Merchantable			
Oxidation Stability	mins	360		EN ISO 7536	
RSH	mg/kg		10	IP 342	
Sulphur	mg/kg		10	EN ISO 20846	
M.O.N. ⁵		85.0	86.0	EN ISO 5163	
R.O.N. ⁶		95.0	97.0	EN ISO 5164	
Benzene	Vol %		1.0	EN ISO 22854	
Total Aromatics			35.0		
Total Olefins			18.0		
Total Oxygen		% (m/m)			3.7
Methanol	Vol %		3.0		
Ethanol		5.5	10.0		
Iso Propyl Alcohol			12.0		
Iso Butyl Alcohol			15.0		
Tert Butyl Alcohol			15.0		
Ethers (5 or more C atoms)			22.0		
Other Oxygenates			15.0		
Vapour Pressure	(Summer)	KPa	45.0	EN ISO 13016-1	
	(Intermediate)		45.0		100.0
	(Winter)		70.0		100.0
VLI	(Intermediate)		1264		

Notes:

- Unless otherwise advised the following seasonal dates apply at point of sale :- Summer: 1 June - 31 August (incl.)
Intermediate: 16 April - 31 May (incl.)
1 September - 15 October (incl)
 - Latest test methods or technical equivalents used
 - May contain a multifunctional gasoline additive Package
 - Ethanol shall meet the requirements of EN 15376
 - MON limit only applicable if RON is greater than 96.9
 - RON limit only applicable if MON is greater than 85.9
 - This product shall always meet the latest **EN228 Specification (Petrol)** and Motor Fuel (Composition and Content) Regs
 - This document is accurate at the date of issue and supersedes all previous issues
- Winter: 16 October - 15 April (incl)
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