



Unleaded Petrol UK Marketing Specification

Component Name	Units	Min	Max	Method	
Appearance (@Ambient Temp)		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 %	20.0	48.0	EN ISO 3405
	(Intermediate)		20.0	50.0	
	(Winter)		22.0	50.0	
	% Evap @ 100 deg C		46.0	71.0	
% Evap @ 150 deg C	75.0				
% 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	36.0		EN ISO 7536	
RSH	mg/kg		10	IP 342	
Sulphur	mg/kg		10	EN ISO 20846	
M.O.N.		85.0		EN ISO 5163	
R.O.N		95.0		EN ISO 5164	
Benzene	Vol %		1.0	EN ISO 22854	
Total Aromatics			35.0		
Total Olefins			18.0		
Total Oxygen			2.7		
Methanol			3.0		
Ethanol			5.0		
All of Oxygenates (Incl Ethers & Alcohols)		Volume blending restricted to 2.7% (m/m) max oxygen content			
Vapour Pressure	(Summer)	KPa	45.0	75.0	EN ISO 13016-1
	(Intermediate)		45.0	100.0	
	(Winter)		70.0	100.0	
VLI	(Intermediate)		1250		

Notes:

- Unless otherwise advised the following seasonal dates apply at point of sale :- Summer: 1 June - 31 August (incl.)
- Latest test methods or technical equivalents used Intermediate: 16 April - 31 May (incl.)
- May contain a multifunctional gasoline additive Package 1 September - 15 October (incl)
- Ethanol shall meet the requirements of EN 15376 Winter: 16 October - 15 April (incl)
- This product shall always meet **EN228 Specification (Petrol)** Ver: 1.01 - JE
- This document is accurate at the date of issue and supersedes all previous issues Pub: 01-Jun-17