



PRODUCT INFORMATION SHEET



SHELL V-POWER UNLEADED

Shell V-Power Unleaded is the most advanced unleaded petrol ever marketed by Shell in the UK. Shell V-Power replaces Shell Optimax.

- Shell V-Power contains Friction Modification Technology (FMT), as used by Ferrari in their 2006 race fuels.
- Shell V-Power features enhanced octane quality. With an octane rating of 99 RON, Shell V-Power is designed to provide more power and improved responsiveness in many modern cars.
- Shell V-Power contains a powerful cleaning formula designed to improve engine responsiveness by helping to remove power-robbing deposits, helping the fuel to burn more effectively and the engine to run more smoothly.
- Shell V-Power Unleaded exceeds all the requirements of BSEN228 & BSEN7800.

Major Properties

Specification Parameters	Test Method	Units	Limit	EN228 spec	BS7800 spec	Shell Guarantee	Typicals
RON	ISO5164	ON	min	95	97	99	99.2
MON	ISO5163	ON	min	85	86	86	87.0
Oxygenates, MtBE & Ethanol	EN13132	%vol	max	15.0, 5.0	15.0, 5.0	None added	<0.1

Other Properties

Specifications	Test Method	Units	Limit	Specification	Typicals
Appearance		Visual		Clear & Bright	Clear & Bright
Density at 15°C	ISO3675	kg/m ³	min/max	720 – 775	741
Distillation	ISO3405				
E 70°C Summer		% vol	min max	22 48	26
Winter				22 50	35
E 100°C		% vol	min max	46 71	S 49 / W 54
E 150°C		% vol	min	75	95
Benzene	EN145177	% vol	max	1.0	0.6
Olefins	EN145177	% vol	max.	18	15
Aromatics	EN145177	% vol	max.	35	34.5
Lead Content	EN237	mg/l	max.	5	<1
Vapour Pressure	EN13016-1	kPa	min max	S 45 – 70 W 70 – 100	68 97
Sulphur	ISO20846	mg/kg	max.	50	25
Oxidation Stability	ISO7536	mins	min	360	>480
Copper Corrosion	ISO2160	class	max	Class 1	Class 1

<i>Grade Retailing Period</i>	Winter 16 th October - 15 th April	Transition 16 th April - 31 st May	Summer 1 st June - 31 st August	Transition 1 st Sept – 15 th October
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