



SHELL UNLEADED 91 PETROL

91 OCTANE (RON) PETROL

DESCRIPTION

Shell Unleaded 91 petrol meets the requirements of the Australian Fuels Quality Standards Act 2000. Shell Unleaded 91 petrol has a minimum Research Octane Number of 91.

Shell Unleaded Petrol contains Shell's exclusive Fuel Economy Formula, which is designed to protect the engine from the build up of harmful deposits. This helps improve performance by keeping clean fuel injectors, carburettors and inlet valves, which helps lead to consistently good gasoline/air mixture preparation, better combustion, better driveability, better fuel economy and reduced maintenance.

The volatility of Unleaded 91 petrol is varied throughout the year to provide good cold weather starting in winter and to prevent vapour lock in summer.

Shell Unleaded 91 petrol is dispensed through a yellow marked hose, which has a small diameter nozzle.

HEALTH & SAFETY

Shell Unleaded 91 petrol is a highly flammable liquid, classified as a Dangerous Goods Class 3 Packaging Group II for transportation purposes. Avoid contact with the skin and eyes, and breathing vapours or mists.

For further guidance on product health and safety refer to the appropriate Shell Material Safety Data Sheet.

TYPICAL CHARACTERISTICS

DESCRIPTION	UNITS	METHODS	TYPICAL
Colour	-	Visual	Purple / Bronze → Red*
Octane Number	-	ASTM D2699	91
Distillation	-	ASTM D86	-
10% evaporated @	°C	-	46
50% evaporated @	°C	-	95
90% evaporated @	°C	-	155
Final Boiling Point	°C	-	190
Copper Corrosion (3 hr @ 100 °C)	-	ASTM D130	1a
Benzene	% vol.	ASTM D3606	0.8 [1.0 max]
Sulphur	mg/kg	ASTM D2622	150 max

* The members of the Australian Institute of Petroleum (AIP) have decided to change the colour of unleaded petrol (ULP) from purple/bronze to red/orange. This change is expected to commence on 1 October 2012 and will take about 12 months to convert the entire supply chain to the red/orange coloured ULP.

Document Information

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