



SHELL UNLEADED 91 LOW AROMATIC

WHAT YOU NEED TO KNOW

What is Shell Unleaded 91 Low Aromatic fuel?

Shell Unleaded 91 Low Aromatic is unleaded petrol which complies with the Australian Fuel Quality Standards Act and which has an octane rating of 91 (the same as regular unleaded fuel). It has been specially designed to contain low levels of aromatic compounds such as benzene, toluene and xylene.

Why is Viva Energy Australia supplying low aromatic fuel?

Viva Energy is committed to supporting the Australian Government initiatives to reduce petrol sniffing in remote communities, and congratulates those sites which have taken on the low aromatic fuel to date. We look forward to working with more communities in the future as Shell Unleaded 91 Low Aromatic is progressively rolled out.

Where can I buy Shell Unleaded 91 Low Aromatic?

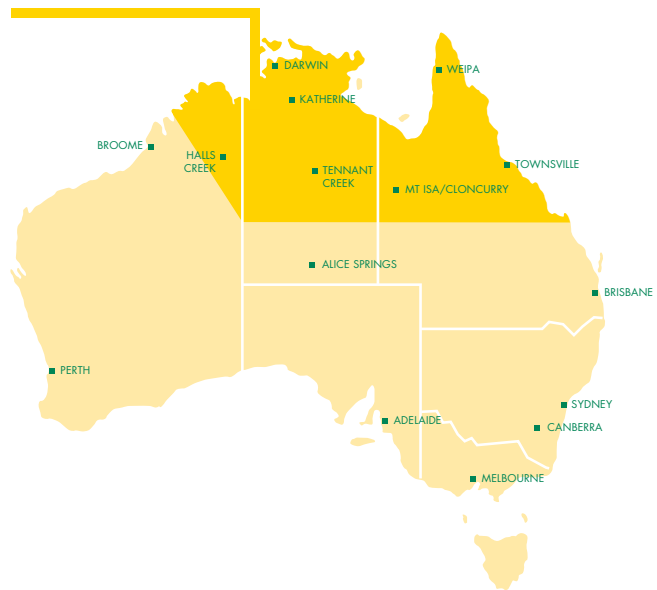
Shell Unleaded 91 Low Aromatic is currently available at the following Shell-branded sites:

- Shell Coles Express Mt Gillen
- Shell Coles Express Oasis (Gap Road)
- Shell Coles Express Truck Stop, Dalgetty Road
- Shell Coles Express Leonora
- Shell Erldunda
- Shell Ayers Rock (Yulara)

Will Viva Energy be expanding supply of low aromatic fuel to other areas regions/ service stations?

Viva Energy will continue to work with the Australian Government on when and where to expand the supply of low aromatic fuel. An important part of the process is engagement with communities prior to roll out which ensures community education and acceptance of the product.

SUPPLY ZONE



How much will Shell Unleaded 91 Low Aromatic cost?

Viva Energy will sell Shell Unleaded 91 Low Aromatic fuel at the same price as regular Shell Unleaded 91. The retailer (for example, Coles Express) determines the pump price.

Have any additives been used to disguise the smell?

The composition of the fuel itself removes the 'smell' or the 'aromatics', so there are no requirements to use an additive to disguise the smell.

What has Viva Energy done to change its low aromatic fuel?

Essentially the same components present in all motor spirits have been used in the manufacture of Shell Unleaded 91 Low Aromatic fuel.

The main difference from the standard Unleaded 91 fuel is that it has been specially designed to contain low levels of aromatic compounds such as benzene, toluene and xylene.

Does Shell Unleaded 91 Low Aromatic fuel affect the emissions output and the ability to meet the emissions standards?

Independent assessment of the emission profiles for the vehicles and utility engines tested showed no significant difference between Shell Unleaded 91 Low Aromatic fuel and regular Shell Unleaded 91 fuel.

Does Shell Unleaded 91 Low Aromatic fuel affect combustion timing of the engine?

Independent testing has shown no discernible difference to the end user between Shell Unleaded 91 Low Aromatic fuel when compared to regular Shell Unleaded 91 fuel in equipment use.

Does the manufacturer's warranty still apply if Shell Unleaded 91 Low Aromatic fuel is used?

Shell Unleaded 91 Low Aromatic fuel meets all relevant Federal Specifications. Shell stands by the quality of its products including its Low Aromatic fuel when stored, handled and used as per accepted standards. Please refer to the manufacturer's handbook if you are unsure of what fuel to use.

If you have any further questions about the introduction of Shell Unleaded 91 Low Aromatic, please contact your Viva Energy Australia Account Manager or call the Technical Assistance line on 13 16 18.

www.shell.com.au

Does Shell Unleaded 91 Low Aromatic fuel affect catalytic converters on late model cars?

Independent testing of this fuel has revealed no significant impact on vehicle emissions and no discernible impact on catalytic converter operation.

Does this fuel affect the exhaust system?

Independent testing of Shell Unleaded 91 Low Aromatic fuel has displayed no significant impact on vehicle emissions and no discernible impact on exhaust systems.

Does Shell Unleaded 91 Low Aromatic fuel affect oxygen sensors?

Independent testing of this fuel has revealed no significant impact on vehicle efficiency or emissions and no discernible impact on oxygen sensors.

Shell Unleaded 91 Low Aromatic contains an exclusive Shell fuel technology additive, which is designed to help protect the engine from the build up of harmful deposits.

Actual engine intake valves used in the independent testing of Shell Unleaded 91 Low Aromatic fuel conducted by Orbital Australia Pty Ltd on behalf of Shell.



Before

Valve after 3,200km on regular Unleaded 91 petrol.



After

Same valve at 6,400km after changing to Shell Unleaded 91 Low Aromatic.



The Australian Government is helping regional and remote communities overcome the devastating effects of petrol sniffing by replacing regular unleaded fuel with low aromatic unleaded fuel. For more information visit www.lowaromaticunleaded.gov.au

Who is Viva Energy Australia?

Viva Energy Australia brings together the strength of two of the world's foremost energy companies. Vitol is the world's largest independent energy trading company and Shell is one of the world's most recognised and respected brands behind innovative and quality energy products. Viva Energy represents the best of both worlds. We proudly sell Shell products under license in Australia.



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