



Product Code: VP109 - MS109

Unleaded Racing Fuel

Drum sizes available: 200litre, 20litre

APPLICATIONS

- Complies with Andra Drag Racing Homologation requirements.
- Contains MTBE - not suitable for water sports
- Blended for naturally aspirated racing engines up to 13 : 1
- Blended for turbo / super charged engines allowing increased boost in excess of 25 psi
- Oxygenated to improve volumetric efficiency, torque and horsepower especially on vehicles with turbo inlet restrictors.
- Allows optimised supercharged pressure and ignition timing thanks to a selection of petroleum streams which present a strong resistance to detonation on Forced Induction engines.
- Produces gains on all engine combinations four, six and eight cylinder engines.
- This is the most popular forced induction racing fuel on the market at this time.
- Is widely used in all forms of motor sport including rallying, drag racing and circuit racing.
- Contains no metallic compounds to harm catalytic converters or oxygen sensors.
- Compatible with virtually all two-stroke synthetic and mineral based motor oils.

RECOMMENDATIONS

- Best results can be achieved for equivalent air/fuel ratios in the 1.25 to 1.30 range with reference to pump fuels, because of the oxygenate compounds used in the blending formula, generally speaking it is necessary to increase the air / fuel ratio.
- Increased Ignition settings are required in order to reach optimum performances.
- Those unable to alter ignition timing we recommend that you look to the VP SV05 fuel instead.
- Atmospheric engines should run porcelain always white. Rich is black on frame and porcelain, lean is white on frame and nothing on porcelain.
- Forced induction - rich is black on porcelain, lean is white on frame
- In order to maintain the original properties, and according to Health and Safety regulations of commercial fuels, this product should be handled and stored in a cool place and always maintained in tightly shut drums. Frequent opening to atmosphere will degrade the overall octane levels due to its high oxygenation.

		Typical Figures
Colour		Clear
Density	Kg/l at 15° C	0.722
Reid Vapour Pressure	bar at 37.8° C	0.617
Research Octane Number		109
Motor Octane Number		101
Ron + MON / 2		105

Distillation (°C)	10% 50% 90% FBP % vol at 70° C % vol at 100° C	63.89 75.44 100.70 128.80
Oxygen %	% mass	4.5%
Lead Content	g/litre	<0.001