



Product Information Sheet

R TFF (Turbo Special)

The R TFF is an unleaded racing fuel specially designed for turbo engines. It is designed to provide extreme power over a wide rpm range in highly tuned turbo engines. Its specially developed anti-knock ingredients allow maximum advanced timing without pinking. Blended especially for unrestricted high horsepower engines. R TFF is designed to withstand extreme cylinder pressures and therefore firmly resistant to detonation. Every batch is extensively tested to ensure maximum quality and complete conformity. The extremely high oxygen content (12.9%) of this fuel provides increased power, especially when used together with air-restrictors.

TYPICAL APPLICATIONS.

- Designed for turbo vehicles for maximum power.
- All turbo charged racing and rally cars and motorcycles.
- High performance turbo cars and motorcycles.

MEETS REQUIREMENTS

none

OUTSTANDING FEATURES

- 109 Research Octane Numbers
- 93 Motor Octane Numbers
- Contains no lead additives
- Low vapour pressure for protection against vapour lock
- Controlled mid-range volatility for excellent warm-up, acceleration and driveability
- Keeps carburettors and fuel injectors clean
- Resists gum formation
- Burns cleanly to resist deposit build up
- Oxidation and corrosion inhibited for longer shelf life
- Complete conformity and quality means possibility to tune the engine precisely for maximum performance



DESCRIPTION

R TFF racing gasoline is formulated from high octane blend stocks, alkylate petrol and selected additives. It is extremely detonation resistant compared to any other racing fuel under high load and is especially designed for Turbo engines to give maximum power. It also resists detonation in high performance 'hotter' running modern engines at track days or other severe driving conditions.

The manufacturing process of this fuel is designed to provide a fuel that is 100% repeatable and that will perform the same batch after batch. Every batch is tested to meet our stringent quality control procedures to allow precise engine tuning for maximum performance.

R TFF burns cleanly and therefore leaves little or no deposits, allowing consistent engine power for the duration of the engine life. The high quality stocks used in the R TFF make the fuel very stable and resistant to gum formation. R TFF is extremely pure in its composition containing less than 10% of the benzene and sulphur content found in pump fuels. Storage life is much longer due to its pure design.

TYPICAL INSPECTION TESTS

Property	Units	Method	Specification	Typical Figure
Specific Gravity/density at 15°C	Kg/litre	ASTM D4052	0.720-0.785	0.806
Reid Vapour Pressure (RVP)	hPa	ASTM D323	900 Max	550
Research Octane	RON	ASTM D2699		109
Motor Octane	MON	ASTM D2700	85-90	93
Lead	g/l	ASTM D3237	max 0.013	0.001
Oxygen	% m/m	Elemental	Max 3.7	12.9
Nitrogen	% m/m	ASTM D3228	Max 0.5	Conforms
Peroxides and Nitrooxides	ppm	ASTM D3703	Max 100	Conforms
Benzene	% vol.	ASTM D3606	Max 5	<0.1
Sulphur	mg/kg	ISO 8754	Max 50	<1
Distillation at 70 °C	(E70) % vol.	ASTM D86		46.4
Distillation at 100 °C	(E100) % vol.	ASTM D86		62.7
Distillation at 180 °C	(E180) % vol.	ASTM D86		100
Final Boiling Point (FBP)	°C	ASTM D86		117.9
Residue	% vol.	ASTM D86	Max 2	1
Colour				crystal clear