



Product Information Sheet

SUNOCO GT PLUS Racing Gasoline (Ethanol)

SUNOCO GT PLUS is an unleaded racing gasoline designed for high performance racing cars, muscle cars, street rods, motorcycles, karts and marine applications. With the highest octane rating of any unleaded racing fuel, SUNOCO GT PLUS will allow significantly increased boost levels in supercharged or turbocharged applications. It contains no metallic compounds to harm catalytic converters or oxygen sensors. It has a very high oxygen content to enable a richer mixture resulting in more power and rapid response of the engine. Provides excellent power in engines with small carburetors. The 109RON and 99MON provides protection against knock up to compression ratios as high as 15:1.

The SUNOCO GT PLUS is the official fuel of SCCA

TYPICAL APPLICATIONS

- All events where gasoline is used as a fuel. High performance vehicles, turbo charged vehicles, water crafts and high revving motorcycles.
- Racing cars, motorcycles, karts, jet skies
- Modern high performance sports cars
- Turbocharged cars
- Performance Motorcycles
- Short oval stock cars

OUTSTANDING FEATURES

- 109 Research Octane Numbers
- 99 Motor Octane Numbers
- 4.5% oxygen
- Contains no lead additives
- Low vapour pressure for protection against vapour lock
- Controlled mid-range volatility for excellent warm-up, acceleration and driveability
- Keeps carburetors and fuel injectors clean
- Resists gum formation
- Burns extremely cleanly to resist deposit build up
- Oxidation and corrosion inhibited for longer shelf life
- Complete conformity and quality allows precise engine tuning.



DESCRIPTION

SUNOCO GT PLUS racing gasoline is formulated from high octane blend stocks and selected additives. It has a substantially increased protection against detonation compared to normal 'pump' fuel under high revs and in heavily tuned engines. Its oxygen content improves performance for engines operating with air restrictors. Its high oxygen properties makes the SUNOCO GT PLUS an excellent choice for engines which are restricted on the air inlet side. It is also compatible with all two-stroke synthetic and mineral based oils.

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 SUNOCO's stringent quality control procedures to allow precise engine tuning for maximum performance. Sunoco GT PLUS contains ethanol as the oxygen carrier.

SUNOCO GT PLUS burns extremely cleanly and therefore leaves little or no deposits, allowing maximum engine power for the duration of the engine life. The high quality stocks used in the SUNOCO GT PLUS make the fuel very stable and resistant to gum formation. A multifunctional additive package provides carburettor and fuel injector detergency and minimises the formation of intake valve deposits. Antioxidants and corrosion inhibitors promote stability and longer shelf life. It does not contain any lead additives.

SUNOCO GT PLUS TYPICAL INSPECTION TESTS

Property	Units	Method	Typical Figure
Density at 15C	kg/litre	ASTM D4052	0.746
Reid Vapour Pressure (RVP)	psi	ASTM D323	6.3
Research Octane	RON	ASTM D2699	109
Motor Octane	MON	ASTM D2700	99
Lead	g/l	ASTM D3237	0.001
Oxygen	% m/m	Elemental	3.5
Nitrogen	% m/m	ASTM D3228	Conforms
Peroxides and Nitrooxides	ppm	ASTM D3703	Conforms
Benzene	% volume	ASTM D3606	<1
Sulphur	mg/kg	ISO 8754	<5
Initial Boiling Point	°C	ASTM D86	45
10% evaporation	°C	ASTM D86	66
50% evaporation	°C	ASTM D86	104
90% evaporation	°C	ASTM D86	109
Final Boiling Point (FBP)	°C	ASTM D86	123
Colour			Light Blue