



## Product Information Sheet

# SUNOCO GT Racing Gasoline (Ethanol)

SUNOCO GT 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 US street legal fuel, SUNOCO GT 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 high oxygen content to enable a richer mixture resulting in more power and rapid response of the engine. The 105RON and 95MON provides protection against knock up to compression ratios as high as 14:1.

### 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

### OUTSTANDING FEATURES

- 105 Research Octane Numbers
- 95 Motor Octane Numbers
- 3.5% 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 carburettors 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 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 fast burning properties makes the SUNOCO GT an excellent choice for high revving two stroke engines. It is also compatible with all two-stroke synthetic and mineral based motor 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 contains ethanol as the oxygen carrier.

SUNOCO GT 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 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 TYPICAL INSPECTION TESTS

Property	Units	Method	Typical Figure
Density at 15C	kg/litre	ASTM D4052	0.764
Reid Vapour Pressure (RVP)	psi	ASTM D323	6.5
Research Octane	RON	ASTM D2699	105
Motor Octane	MON	ASTM D2700	95
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	32
10% evaporation	°C	ASTM D86	66
50% evaporation	°C	ASTM D86	99
90% evaporation	°C	ASTM D86	110
Final Boiling Point (FBP)	°C	ASTM D86	127
Colour			Clear