



## Product Information Sheet

# Sunoco S70L Racing Gasoline

Sunoco S70L racing gasoline is a high quality leaded sustainable petrol containing 70% sustainable components. Sunoco S70L provides sustainable power consistently. S70L does not contain any oxygen resulting in a very storage stable race fuel which is safe to use in all classic race engines set up on pump fuels. The 102 RON and 93 MON provide protection against detonation up to compression ratios as high as 13:1 (higher in small bore aluminium cylinders and aluminium cylinder head applications).

## TYPICAL APPLICATIONS

- Classic High Performance vehicles, turbo charged vehicles, water crafts and high revving motorcycles.
- Classic Racing cars, motorcycles, karts and jet skies.

## MEETS REQUIREMENTS

- Goodwood events

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## OUTSTANDING FEATURES

- 102 Research Octane Number
- 93 Motor Octane Number
- Contains TEL additives
- Keeps carburettors and fuel injectors clean
- Resists gum formation
- Oxidation and corrosion inhibited for longer shelf life
- Contains enhanced lubricity additives to support fuel pumps and valve train life
- Complete conformity and quality makes it possible to tune the engine precisely for maximum performance



## DESCRIPTION

Sunoco S70L racing gasoline is formulated from high octane chemicals and generation two sustainable blend stocks and selected additives. It has increased protection against detonation compared to normal “pump” fuel under high loads and in heavily tuned engines. It also resists detonation in high performance ‘hotter’-running modern engines at track days or other severe driving conditions. It can be used in any classic engine that normally runs “pump” fuels without the necessity of engine mapping. Fine tuning will improve performance, driveability and reliability.

The manufacturing process of this fuel is designed to provide a fuel that is consistent. Every batch is tested to meet Anglo American Oil Company’s stringent quality control procedures to allow precise engine tuning for maximum performance.

Sunoco S70L allows maximum engine power for the duration of the engine life. The high quality components used in the Sunoco S70L make the fuel very stable and resistant to gum formation. Antioxidants and corrosion inhibitors promote stability and longer shelf life.

## Sunoco S70L TYPICAL INSPECTION TESTS

| Property                | Units    | Method     | Specification | Typical Figure |
|-------------------------|----------|------------|---------------|----------------|
| Density @ 15°C          | kg/litre | ASTM D4052 | 0.720-0.785   | 0.754          |
| Research Octane (EN228) | RON      | ASTM D2699 | min 95        | 102            |
| Motor Octane (EN228)    | MON      | ASTM D2700 | min 85        | 93             |
| Lead                    | g/l      | ASTM D3237 | Max 0.5       | <0.5           |
| Oxygen                  | %m/m     | Elemental  | Max 7.5       | 0              |
| DVPE                    | kPa      | ASTM D5191 | <80           | 48             |
| Nitrogen                | %m/m     | ASTM D3228 | Max 0.1       | Conforms       |
| Benzene                 | % volume | EN 238     | Max 1.0       | <0.2           |
| Sulphur                 | ppm      | ASTM D2622 | Max 10        | <2             |
| Olefins                 | % volume | ASTM D1319 | Max 18        | 3              |
| Aromatics               | % volume | ASTM D1319 | Max 40        | 30             |
| Initial Boiling Point   | °C       | ASTM D86   |               | 41             |
| E @ 70°C, % volume      |          | ASTM D86   | 20.0 – 52.0   | 13             |
| E @ 100°C, % volume     |          | ASTM D86   | 46.0 – 80.0   | 37             |
| Final Boiling Point     |          | ASTM D86   | <210          | 202            |
| Colour                  |          |            |               | Slight Yellow  |