



## Product Information Sheet

# R 6SR Racing Gasoline

R 6SR is a leaded racing gasoline designed for racing engines requiring a leaded high quality and high octane racing fuel. It is specially developed for engines requiring lead to lubricate the valves and valve seats. The 105 RON (research octane number) provides protection against knock up to compression ratios as high as 13:1.

### TYPICAL APPLICATIONS

- All open events allowing leaded racing gasoline with no restriction of octane levels.
- High performance car and motorcycle engines
- Classic racing engines requiring leaded fuels

### MEETS REQUIREMENTS

None

### OUTSTANDING FEATURES

- 105 Research Octane Numbers
- 92 Motor Octane Numbers
- Contains lead
- Controlled vapour pressure for protection against vapour lock
- 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 allows precise engine tuning.



## DESCRIPTION

R 6SR leaded racing gasoline is formulated from high octane blend stocks and selected refinery streams. It has a substantially increased protection against detonation compared to normal 'pump' fuel under severe operation conditions. Its faster burning properties makes the R 6SR an excellent choice in stressed racing engines. Its lead content 'lubricates' valves and valve seats ensuring prolonged engine life.

Every batch is carefully blended using high quality components to meet Anglo American Oil Company Ltd's stringent quality control procedures and to allow precise engine tuning for maximum performance.

R 6SR burns cleanly and therefore leaves little or no deposits, allowing maximum engine power for the duration of the engine life. The blending stocks used in the R 6SR make the fuel 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.

## R 6SR TYPICAL INSPECTION TESTS

Property	Units	Method	Typical Figure
Density at 15C	kg/litre	ASTM D4052	0.74
Reid Vapour Pressure (RVP)	psi	ASTM D323	9
Research Octane	RON	ASTM D2699	105
Motor Octane	MON	ASTM D2700	92
Lead	g/l	ASTM D3237	<0.25
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	35
10% evaporation	°C	ASTM D86	70
50% evaporation	°C	ASTM D86	105
90% evaporation	°C	ASTM D86	165
Final Boiling Point (FBP)	°C	ASTM D86	187
Colour			light blue