



Product Information Sheet

R 5SR+ Racing Gasoline

R 5SR+ is a leaded racing gasoline designed for racing engines requiring a leaded high quality Masters FIA conformant racing fuel. It is specially developed for engines requiring lead to lubricate the valves and valve seats. The 101 RON (research octane number) and 90 MON (motor octane number) provides protection against knock up to compression ratios as high as 12:1. R5SR+ is oxygenated with MTBE for improved power. Does not contain ethanol

TYPICAL APPLICATIONS

- FIA events allowing leaded racing gasoline.
- High performance car and motorcycle engines
- Classic racing engines requiring leaded fuels

MEETS REQUIREMENTS

FIA appendix J, Article 252, Appendix K historic supplement Masters Racing

OUTSTANDING FEATURES

- 101 Research Octane Numbers
- 90 Motor Octane Numbers
- Oxygenated for improved power
- 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.
- Does not contain ethanol



DESCRIPTION

R 5SR+ leaded racing gasoline is formulated from high octane blend stocks and selected refinery streams. It has increased protection against detonation compared to normal 'pump' fuel under severe operation conditions. 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 5SR+ 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 5SR+ 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 5SR+ TYPICAL INSPECTION TESTS

Property	Units	Method	Typical Figure
Density at 15C	kg/litre	ASTM D4052	0.736
Reid Vapour Pressure (RVP)	psi	ASTM D323	9
Research Octane	RON	ASTM D2699	101.5
Motor Octane	MON	ASTM D2700	90
Lead	g/l	ASTM D3237	<0.10
Nitrogen	% m/m	ASTM D3228	Conforms
Peroxides and Nitrooxides	ppm	ASTM D3703	Conforms
Benzene	% volume	ASTM D3606	<1
Sulphur	mg/kg	ISO 8754	<5
Oxygen	% m/m	Elemental	1.8
Initial Boiling Point	°C	ASTM D86	38
E70 %	°C	ASTM D86	40
E100 %	°C	ASTM D86	65
E150 %	°C	ASTM D86	95
Final Boiling Point (FBP)	°C	ASTM D86	180
Colour			light blue