Product Information Sheet

CFS Formula 105

CFS FORMULA 105 is a leaded gasoline designed for classic racing bikes. CFS FORMULA 105 will allow increased compression ratios compared to FIM race fuels. It contains no oxygen thus it does not contain any ethers (ETBE or MTBE) or alcohols (such as ethanol or methanol), and it does not contain MMT. The 105RON and 97MON values provides protection against knock up to compression ratios as high as 14:1.

TYPICAL APPLICATIONS

- All engines where gasoline is used as a fuel and valve seat protection is preferred.
- Classic motorcycles and karts

OUTSTANDING FEATURES

- Storage stable for up to one year
- Keeps fuel system in good condition throughout its service life
- 105 Research Octane Numbers
- 97 Motor Octane Numbers
- 0% oxygen
- Low 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
- Excellent valve seat recession protection for older engine applications
- Improves throttle response and improves resistance against detonation

DESCRIPTION

CFS FORMULA 105 gasoline is formulated from high octane blend stocks and selected additives. It has a substantially increased protection against detonation compared to standard super unleaded fuel or FIM race fuels in motorcycle racing engines. Its burning properties makes the CFS FORMULA 105 an excellent choice for two stroke engines as well as four stroke race engines. It is also compatible with all mineral and synthetic 2-stroke oils.

The manufacturing process of the CFS Formula 105 is 100% repeatable and ensures that performance is the same batch after batch. Every batch is tested to meet Anglo American Oil Company's quality control procedures to allow precise engine tuning for maximum performance.

CFS FORMULA 105 burns complete 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 CFS FORMULA 105 make the fuel storage stable for up to three years 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 contain lead additives and therefore not suitable for vehicles equipped with lambda sensors or catalytic converters.

CFS FORMULA 105 TYPICAL INSPECTION TESTS

Property	Units	Method	Typical Figure
Density at 15C	kg/litre	ASTM D4052	0.723
Reid Vapour Pressure (RVP)	psi	ASTM D323	6.1
Research Octane	RON	ASTM D2699	104.7
Motor Octane	MON	ASTM D2700	97
Lead	g/l	ASTM D3237	0.003
Oxygen	% m/m	Elemental	0
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	ºC	ASTM D86	37.3
E70	ºC	ASTM D86	20
E100	ºC	ASTM D86	42
E150	ºC	ASTM D86	115
Final Boiling Point (FBP)	°C	ASTM D86	165
Colour			Blue