Product Application Sheet





Rockett Brand 112 Racing Gasoline is a high octane, high quality leaded fuel designed exclusively for racing applications at sanctioned racing events. It has an octane rating (AKI) of 112 and a Motor Octane Number of 107. It is an approved fuel for competition by all major sanctioning bodies.

Rockett Brand 112 Racing Gasoline is the spec fuel for many racing series. It has been tested in engines with compression ratios up to 16 to 1 operating at speeds in excess of 9,000 rpm.

TYPICAL APPLICATIONS

- Circle Track Racing
- Drag Racing Cars
- Sports Cars
- Formula Cars
- Motorcycles
- Racing Boats

CAUTION: FOR OFF-HIGHWAY USE AT SANCTIONED RACING EVENTS ONLY

MEETS REQUIREMENTS:

ASTM D4814 Standard Specification for Automotive Spark-Ignition Engine Fuel, Volatility Class A

OUTSTANDING FEATURES

- 112 AKI Octane Number
- 107 Motor Octane Number
- Contains no alcohols or oxygenates
- Low vapor pressure for protection against vapor lock
- Controlled mid-range volatility for excellent throttle response and acceleration
- Phosphorus additive to control surface ignition
- Burns clean to resist deposit buildup
- Controlled composition & reproducible quality permits precise engine tuning for maximum performance on the track
- Oxidation and corrosion inhibited for longer shelf life⁽¹⁾

(1) Note: *Rockett Brand 112 Racing Gasoline* should be stored in a cool place only in metal containers as all racing gasolines are sensitive to light.

DESCRIPTION

Rockett Brand 112 Racing Gasoline is formulated from high octane gasoline blend stocks and selected additives. It is highly resistant to detonation under high speed, high output conditions. Its low vapor pressure quality provides protection against vapor lock. Mid-range volatility is carefully controlled to give excellent throttle response and acceleration. The composition of this fuel is carefully controlled to deliver consistent, reproducible quality, allowing precise engine tuning for maximum performance. Rockett Brand 112 Racing Gasoline burns clean, leaves little or no deposits and allows maximum engine power to be developed. A phosphorus additive controls surface ignition. The high quality stocks used in this gasoline make it very stable and resistant to gum formation. This assures cleaner carburetors, injectors, intake manifolds, and valves. Antioxidants and corrosion inhibitors promote stability and longer shelf life. This gasoline does not contain any alcohols or other oxygenates.

TYPICAL INSPECTION TESTS:

Product Code	112L
Density, g/cm ³ @ 60°F	0.721
Gravity, °API	
Color	
Di-Electric Constant	0.2
Octane Number, AKI, (R+M)/2	112
Octane Number, Motor	
Octane Number, Research	117
Vapor Pressure, psi	6.0
Temperature @ V/L =6, °F	145
Distillation, °F @ % Evap.	
Initial Boiling Point	100
10	
50	
90	
End Point	255
Conner Corrector ACTM D420	1.0
Copper Corrosion, ASTM D130	
Doctor Test, ASTM D4952	
Existent Gum, ASTM D381, mg/100ml	
Oxidation Stability, ASTM D525, minutes	
Lead, g/gal	
Sulfur, wt%	
Viscosity, cSt @ 60°F	0.7