



*Rockett Brand 100 Racing Gasoline* is a high quality unleaded gasoline designed especially for the performance enthusiast who wants a high octane fuel. It is suitable for both racing purposes and high performance street vehicles. It will not harm catalytic converters or affect the oxygen sensors. It has an octane rating (AKI) of 101 and can be used in engines with compression ratios up to 14 to 1 with aluminum heads and 13 to 1 with cast iron heads.<sup>(1)</sup>

Drag strip testing of this gasoline has shown improvements of 4 mph and 0.5 seconds when compared to 92 octane gasoline in a turbocharged V6 powered vehicle.

*Rockett Brand 100 Racing Gasoline* meets all State and Federal requirements for CARB Phase II and EPA reformulated gasoline (RFG).

### TYPICAL APPLICATIONS

- ◆ Classic & Modern Muscle Cars
- ◆ Sports Cars
- ◆ High End Luxury Cars
- ◆ Turbocharged Cars
- ◆ Marine Engines
- ◆ Performance Motorcycles
- ◆ Import Drag Racing

### MEETS REQUIREMENTS:

ASTM D4814 Standard Specification for Automotive Spark-Ignition Engine Fuel, Volatility Class A or B  
CARB Phase II Reformulated Gasoline  
EPA Reformulated Gasoline  
Exceptions (2)

### OUTSTANDING FEATURES

- ◆ 101 AKI Octane Number
- ◆ Contains no lead or metallic additives<sup>(1)</sup>
- ◆ Low vapor pressure for protection against vapor lock
- ◆ Controlled mid-range volatility for excellent warmup, acceleration, & driveability
- ◆ Cleans up dirty carburetors and fuel injectors, resists gum formation, burns clean
- ◆ Controlled composition & reproducible quality permits precise engine tuning for maximum performance
- ◆ Oxidation and corrosion inhibited for longer shelf life

**(1) Caution:** Premature failure of valve seats can occur in some older model cars and trucks running under high load conditions for extended periods with unleaded gasoline. Use of a valve recession additive is recommended in the absence of hardened valve seats.

**(2) Note:** This gasoline contains MTBE. As of 1/1/04, this gasoline is not legal to sell or distribute in CA., CO., CT., IA., MI., MN., NE., NY., SD., and WA. By mid-2004 IL., IN., and KS. will also have banned the sale or use of this gasoline. Our Rockett Brand 100E gasoline is legal in these states.

## DESCRIPTION

*Rockett Brand 100 Racing Gasoline* is formulated from high octane gasoline blend stocks and selected additives. It is highly resistant to detonation. Its low vapor pressure quality provides protection against vapor lock. Mid-range volatility is carefully controlled to give excellent warm-up, acceleration, and driveability. The composition of this fuel is carefully controlled to deliver consistent, reproducible quality, allowing precise engine tuning for maximum performance.

*Rockett Brand 100 Racing Gasoline* burns clean, leaves little or no deposits, and allows maximum engine power to be developed. The high quality stocks used in this gasoline make it very stable and resistant to gum formation. A multifunctional additive package cleans up dirty carburetors & fuel injectors, and keeps intake valves clean. Antioxidants and corrosion inhibitors promote stability and longer shelf life. This gasoline does not contain any metallic additives or alcohols.

### TYPICAL INSPECTION TESTS:

Product Code.....	100M
Density, g/cm <sup>3</sup> @ 60°F.....	0.744
Gravity, °API.....	58.7
Color.....	Blue
Di-Electric Constant.....	+5.5
Octane Number, AKI, (R+M)/2.....	101
Octane Number, Motor.....	96
Octane Number, Research.....	106
Reid Vapor Pressure, psi.....	6.8
Temperature @ V/L =6, °F.....	145
Distillation, °F @ % Evap.	
Initial Boiling Point.....	96
10.....	156
50.....	208
90.....	230
End Point.....	270
Copper Corrosion, ASTM D130.....	1A
Doctor Test, ASTM D4952.....	Negative
Existent Gum, ASTM D381, mg/100ml.....	1.0
Oxidation Stability, ASTM D525, minutes.....	1,440+
Aromatics, vol %.....	28
Oxygen Content, wt %.....	2.7
Lead, g/gal.....	<0.01
Sulfur, wt%.....	0