



E-85 Racing Fuel



Rockett Brand E85-112 Racing Fuel is an ethanol based unleaded racing fuel that has been specially blended to use in vehicles designated and/or adapted for E85 fuel use. It is formulated for racing and street performance vehicles with compression ratios of up to 16:1 for small blocks (14:1 for big blocks), delivering a fast, clean burn that will improve both throttle response and exhaust emissions.⁽¹⁾

Rockett Brand E85-112 Racing Fuel is an excellent performance enhancer for engines equipped with superchargers, turbochargers, and nitrous oxide systems. It is "street legal" and safe for use in vehicles with oxygen sensors and catalytic converters.

Fuel system materials can be attacked by alcohol based fuels. It is important for the user of Rockett Brand E-85 Racing Fuel to take the necessary precautions. The injectors or carburetors, fuel lines, fuel fittings, fuel pumps, and fuel tanks should be compatible for use with alcohol based fuels.⁽²⁾

TYPICAL APPLICATIONS

- ◆ Import Drag Racing
- ◆ Bracket Racing
- ◆ Any racing series that allows E-85
- ◆ Street cars w/properly calibrated electronics or carburetors⁽³⁾

OUTSTANDING FEATURES

- ◆ 112 AKI Octane Number
- ◆ Contains no lead or metallic additives⁽¹⁾
- ◆ 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
- ◆ Higher latent heat of vaporization than gasoline which provides cooler intake charge, more power, and reduced octane requirement

(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 fuel. Use of a valve recession additive is recommended in the absence of hardened valve seats.

(2) Caution: Hard starting with alcohol based fuels may occur when the engine is cold and ambient temperature is below 20°F.

(3) Caution: E85 fueled engines must have a richer fuel calibration than a gasoline fueled engine. E85 fuel can be used effectively in carbureted engines that are equipped with a special E85 carburetor; it can also be used in an electronically controlled fuel injected engines only if the computer is calibrated for E85. If these precautions are not taken, significant power loss and severe engine damage could occur.

DESCRIPTION

Rockett Brand E-85 Racing Fuel is formulated from high octane gasoline blend stocks, ethanol 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 E-85 Racing Fuel burns clean, leaves little or no deposits, and allows maximum engine power to be developed. The high quality stocks used in this fuel 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 fuel doesn't contain any metallic additives.

TYPICAL INSPECTION TESTS:

Product Code.....	E85-112
Density, g/cm ³ @ 60°F.....	0.789
Gravity, °API.....	47.9
Color.....	Green
Octane Number, AKI, (R+M)/2.....	112
Octane Number, Motor.....	108
Octane Number, Research.....	116
Reid Vapor Pressure, psi.....	3.0
Distillation, °F @ % Evap.	
Initial Boiling Point.....	100
10.....	160
50.....	172
90.....	172
End Point.....	270
Aromatics, vol %.....	4.0
Oxygen Content, wt %.....	30.0
Lead, g/gal.....	<0.01
Sulfur, wt%.....	0