



ST Racing Fuel - 118 Octane

The ultimate performer in ultra high compression, turbo and supercharged engines. Specifically designed to handle compression ratios to 18:1 and 35 lbs of boost. An excellent high performance fuel with a high R + M / 2, 118 octane rating. Primarily used for drag racing, but suitable for other forms of racing as well.

<u>Property</u>	<u>Typical Value</u>	<u>Specification</u>	<u>Test Method</u>
Research Octane Number	120	116 min	ASTM D 2699
Motor Octane Number	118	116 min	ASTM D 2700
Anti-Knock Index, (R+M)/2	119	118 min	ASTM D 4814
Specific Gravity at 60/60 °F	0.70	0.68 – 0.72	ASTM D 891
Reid Vapor Pressure at 100 °F, psia	6.15	5.3 – 6.7	ASTM D 323
Distillation Range at 760 mmHg, °F			ASTM D 86
Initial Boiling Point	104	85 – 110	
10%	184		
30%	205	185 – 215	
50%	207	190 – 220	
70%	208	200 – 230	
90%	208	240 max	
End Point	219	250 max	
Existent Gum, mg/100 mL	0.8	5 max	ASTM D 381
Total Sulfur, ppm	1	15 max	ASTM D 4294
Oxidation Stability	1440+	1440 min	ASTM D 525
Tetraethyl Lead Content, mL/gal	5.8	6.0 max	ASTM D 3237
Lead Content, g/gal	4.2		ASTM D 3237
Color	Red		Visual

F & L Racing Fuels are 100% petroleum derived hydrocarbons and are designed to meet the fuel regulations of most sanctioning bodies. They contain detergent additives, corrosion inhibitors, and antioxidant additives that are added in concentrations similar to those found in commercial fuels.

Please note: This fuel is for off-road use only.

Notice: Since the conditions of handling and use are beyond our control, we make no guarantee of results, nor is any of the above information to be taken as a license to operate under, or recommendation to infringe upon, any patent. The information contained herein is, to the best of our knowledge and belief, accurate, but we assume no liability for damages or penalties resulting from use of or reliance on this information.

F & L Racing Fuel
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