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TT111™ L Racing Fuel

Property	Typical Value	Specification	Test Method
Specific Gravity at 60/60 °F	0.7250	0.7200 – 0.7450	ASTM D 4052
API Gravity	61.7	58.4 – 65.0	ASTM D 1250
Copper Corrosion, 3 h at 50 °C	1	1 max	ASTM D 130
Existent Gum (washed), mg/100 mL	< 5	5 max	ASTM D 381
Sulfur, ppm	< 15	15 max	ASTM D 5453
Reid Vapor Pressure, psia	7.0	6.3 – 7.0	ASTM D 5191
Tetraethyl Lead Content, mL/gal	3.88	3.78 – 3.97	ICP/OES
Oxygen, wt %		0.00 max	Calculated
Distillation Range at 760 mmHg, °F			ASTM D 86
Initial Boiling Point	99	85 – 110	
10%	155	125 – 157	
30%	176	165 – 200	
50%	210	195 – 225	
70%	222	210 – 240	
90%	256	290 max	
End Point	301	325 max	
Loss, mL	< 2.0	2.0 max	
Residue, mL	< 2.0	2.0 max	
Oxidation Stability, min	> 1200	1200 min	ASTM D 525
Dielectric Constant		-0.2 max	Kavilco FT-K01
Research Octane Number	115.0	113.6 min	ASTM D 2699
Motor Octane Number	106.0	105.6 min	ASTM D 2700
Anti-Knock Index, (R+M)/2	111.0	111.0 min	Calculated

Other Properties

Color	Blue	Visual
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Chevron Phillips' 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.

Product Number: 1021601

Revised: 10/26/06

Notice: Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.