



# Chevron Phillips Chemical Company Issued Sales Specification

Name of Product  
RACING FUEL TT 111 L

Revision Date  
9/15/2008

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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Specific Gravity 60/60	---	ASTM D-4052	---	0.7200	0.7450	---	---
API Gravity	---	ASTM D-4052	---	---	---	---	REPORT
Corrosion (3 hrs @ 50C)	---	ASTM D-130	---	---	---	---	1B Max
Existent Gums, Washed	mg/Hml	ASTM D-381	---	---	5.0	---	---
Sulfur	ppm	ASTM D-5453	---	---	15.0	---	---
Reid Vapor Pressure	PSI	ASTM D-5191	---	6.3	7.0	---	---
TEL	ml/gal	ICP/OES	---	3.78	3.97	---	---
Oxygen	WT%	Calculated	---	---	0.00	---	---
Oxidation Stability	min	ASTM D-525	---	1200	---	---	---
Dielectric Constant	---	Kavlico FT-K01	---	---	-0.2	---	---
Anti-Knock Index	---	Calculated	---	111.0	---	---	---
Distillation - IBP	FAH	ASTM D-86	---	85	110	---	---
Distillation - 5%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 10%	FAH	ASTM D-86	---	150	160	---	---
Distillation - 20%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 30%	FAH	ASTM D-86	---	165	200	---	---
Distillation - 40%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 50%	FAH	ASTM D-86	---	195	225	---	---
Distillation - 60%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 70%	FAH	ASTM D-86	---	210	240	---	---
Distillation - 80%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 90%	FAH	ASTM D-86	---	---	290	---	---
Distillation - 95%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - EP	FAH	ASTM D-86	---	---	325	---	---
Distillation - Loss	ML	ASTM D-86	---	---	2.0	---	---
Distillation - Residue	ML	ASTM D-86	---	---	2.0	---	---
Research Octane Number	---	ASTM D-2699	---	113.6	---	---	---

Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Motor Octane Number	---	ASTM D-2700	---	105.6	---	---	---

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