

Chevron Phillips Chemical Company LP  
10001 Six Pines Drive  
The Woodlands, TX 77380  
800-858-4327  
Technical Service: 832-813-4862

Chevron Phillips Chemicals International N.V.  
Brusselsesteenweg 355  
B-3090 Overijse, Belgium  
+32 (0) 2 689 12 11

Chevron Phillips Chemicals Asia PTE Ltd.  
5 Temasek Boulevard  
05-01 Suntec Tower Five  
Singapore 038985  
+65 6337 9700

## California P-II Certification Fuel, No Additive

Property	Typical Value	Specification	Test Method
Specific Gravity at 60/60 °F	0.7379		ASTM D 4052
API Gravity at 60 °F	60.3		ASTM D 1298
Copper Corrosion, 3 h at 50 °C	1A		ASTM D 130
Phosphorus, wt %	0.004	0.005 max	ASTM D 3231
Sulfur Content, ppm	38	30 – 40	ASTM D 3120
MTBE, vol %	11	10.8 – 11.2	Chromatography
Multi-Alkylated Aromatics, vol %	12.6	12.0 – 14.0	CARB DHA
Reid Vapor Pressure at 100 °F, psia	6.8	6.7 – 7.0	ASTM D 323
Tetraethyl Lead Content, mL/gal	0.0	0.003 max	ASTM D 3237
Benzene, vol %	0.99	0.8 – 1.0	ASTM D 3606
Elemental Analysis, wt %			
Carbon	84.7		
Hydrogen	13.7		
Oxidation Stability	1000+	1000 min	ASTM D 525
Existent Gum, mg/100 mL	1.3	3 max	ASTM D 381
Heat of Combustion, Net, Btu/lb	18166		ASTM D 3338
Distillation Range at 760 mmHg, °F			ASTM D 86
10%	133	130 – 150	
50%	200	200 – 210	
90%	292	290 – 300	
Endpoint	381	390 max	
Loss	0.7		
Residue, mL	0.7	2.0 max	
Research Octane Number	96.7		ASTM D 2699
Motor Octane Number	88.0		ASTM D 2700
Anti-Knock Index, (R+M)/2	92.4	91 min	Calculated
Sensitivity	8.7	7.5 min	Calculated

Product Number: 1020446

Revised: 07/01/04

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