



UNLEADED FUEL SPECS

No.	Test Description	METHOD	UNITS	MIN	MAX
1	Appearance	VISUAL	-	BR & CL	
2	Color	VISUAL	-	Purple	Bronze
3	Aromatics	ASTM D1319	% Vol	17	48
4	Benzene By 03608	ASTM D3606	% Vol		1
5	Olefins	ASTM 1319	% Vol		18
6	Copper Corrosion (3Hrs @ 50°C)	ASTM D130	-		1
7	Silver Corrosion (3Hrs @ 50°C)	ASTM D4814-A1	-		1
8	Density @ 15°C, g/m3	ASTM D4052	KG/M3		
9	Dist. 10% Recovered	ASTM D86	°C		65
10	Dist. 50% Recovered	ASTM D86	°C	77	116
11	Dist. 90% Recovered	ASTM D86	°C		183
12	Dist. Evap @ 70°C	ASTM D86	% Vol		
13	Dist. FBP	ASTM D86	°C		210
14	Dist. Residue	ASTM D86	% Vol		2
15	Dist. Loss	ASTM D86	% Vol		
16	Doctor Test	IP 30	-		-VE
17	Unwashed Gum	ASTM D381	MG/100ML		4
18	Existent Gum	ASTM D381	MG/100ML		4
19	Lead	ASTM D3237	G/L		0.003
20	Research Octane Number	ASTM D2699	-	91	
21	Motor Octane No.	ASTM D2700	-	81	
22	Octane (R+M) /2	CALCULATED	-	88	
23	Odor-indirect	QUAL.	-	MARKETAB	
24	Induction Period @ 100°C	ASTM D525	MIN	360	
25	MTBE in Gasoline- GC	ASTM D4815	% Vol		10
26	DIPE	ASTM D4815	% Vol		1
27	MTBE in Gasoline- GC	ASTM D4815	% Vol		1
28	TBA	ASTM D4815	% Vol		0.5
29	Oxygen Content	ASTM D4815	% WT		0.4
30	Oxygenates	ASTM D4815	% Vol		
31	Phosphorus	ASTM D3231	MG/L		1.3
32	Sulfur (mg/kg = wt ppm)	ASTM D2622	MG/KG		500
33	DVOE Vapor Pressure @ 37.8°C	ASTM D5191	KPA	45	75
34	Drivability Index	CALCULATED	-		570
35	Flexible Volatility Index	CALCULATED	-		96
36	Intermediate temperature V/L 20.1°C	ASTM D4814	°C	51	
37	Dye Content	DECLARED	MG/L		
38	Other Additives (0.0 = NIL addition)	REPORT	MG/L		

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