



EXPERIENCE REPUTABLE PROCESS

Jet Fuel (JP4) Specification

Supplier 1

Item	Analysis	Unit	Limit	Test Method
1	Density @ 15°C	Kg/m ³	751-802	ASTM D4052 or D1298
2	Color Say bolt	-	Report	ASTM D156 or D6045
3	Distillation: LB.P	- °C	- Report	ASTM D86
	10% Recovered	°C	Report	ASTM D86
	20% Recovered	°C	100min	ASTM D86
	50%b Recovered	°C	125min	ASTM D86
	90% Recovered	°C	Report	ASTM D86
	End point	°C	270 max	ASTM D86
	Residue	Vol%	1.5 max	ASTM D86
	Loss	Vol%	1.5 max	ASTM D86
4	Sulfur Total	m%	0.4max	ASTM D4294,D1266, 02622,03120 or D5453
5	Sulphur Mercaptan	%m	0.002max	ASTM D3227
6	Doctor Test	-	Negative	IP30
7	Vapor pressure,(Reid) @ 37.8°C	Kpa Psi	14-21 2-3	ASTM D323,D4953,D5190 or D5190



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Item	Freezing Point	°C	-58max	Astm D2388	
8	Hydrogen content	%m	13.5min	ASTM D3701 or D3343	
9	Heating value heat of combustion	Mj/kg	42.8min	ASTM D4809, D3338 or D4529	
10	Aromatic	vol%	25 max	Astm D1319	
11	Smoke Point	mm	20min	ASTM DD1322	
12	Copper corrosion(2hr @100°C)		1 max	ASTM D130	
13	Themmal Stability JFTOT	Test temperate	°C	20 min	ASTM D3241
		Tube rating visual	-	Less than 3	
		Pressure differential	mmHg	25 max	
14	Water reaction interface rating	-	1b max	ASTM D1094	
15	Total acid number	mg KOH/g	0.015max	Astm D3242	
16	Particulate matter	mg/lit	1.0max	ASTM D5452 or D2276	
17	Filtration time	minute	10max	ASTM D5452 or D2276	
18	Fuel electrical conductivity	pS/m	150-600	ASTM D2624	



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19	Fuel system icing inhibitor	Vol%	0.1-0.15	ASTM D5006 or IP277
20	Micro separometer rating	min	Table 1	ASTM D3948
21	Existent Gum	mg/100ml	7max	ASTM D381

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