



## JET FUEL A-1 SPECS

No.	Test Description	METHOD	UNITS	MIN	MAX
1	Total Acid Number	D-3242	mg KOH/g		0.1
2	Aromatic	D-1319	% Vol		25
3	Naphthalenes	D-1840	% Vol		3
4	Mercaptan Sulfur	D-3227	% mass		0.003
5	Sulfur	D-4294	% mass		0.3
6	Distillation	D-86	-		
7	Dist. 10% Recovered		°C		205
8	Dist. 50% Recovered		°C	REPORT	
9	Dist. 90% Recovered		°C	REPORT	
10	Final Boiling Point		°C		300
11	Residue		% Vol		1.5
12	Loss		% Vol		1.5
13	Flash Point, Tag Closed	D-56	°C	38	
14	Density @ 15°C	D-4052	kg/m <sup>3</sup>	775	840
15	API Gravity @ 60°F	D-4052	°API	36.8	51
16	Freezing Point	D-2386	°C		-47
17	Viscosity @ -20°C (-4°F)	D-445	mm <sup>2</sup> /s	42.8	8
18	Net Heat of Combustion	D-3338	MJ/kg	25 <sup>2</sup>	
19	Smoke Point	D-1322	mm 2/8		
20	Corrosion, Copper Strip @ 100°C	D-130	°C		1B
21	Thermal Stability @ 275°C <sup>3</sup>		°C		
22	Change in Pressure	D-3241	mm of Hg		25 (3.3)
23	Preheater deposit	D-3241	-		<3
24	Existent Gym	D-381	MG/100ML		7
25	Microseparometer, Rating w/Antioxidant & w/o SDA	D-3948	MG/100ML	85	
26	Antioxidant, UOP 344		MG/L		24

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