

JET FUEL A-1 SPECIFICATIONS					
Parameter	Units		Test Method		Limits
			ASTM	IP	Jet A1
Appearance			Visual		Clear & Bright
Colour Saybolt		Min	156		
Total Acidity	mg KOH/g		3242	354	0.015
Aromatics	%v	Max	1319	156	25
Sulphur	%m	Max	4294		0.3
Mercaptan Sulphur	%m		3227	342	0.003
Doctor test			4952	30	Negative
Refinery Components at point of manufacture					Report (inc. 'nil' or '100%')
Non Hydroprocessed Components	%v				Report (inc. 'nil' or '100%')
Mildly Hydroprocessed Components	%v				Report (inc. 'nil' or '100%')
Severely Hydroprocessed Components	%v				
Synthetic Components	%v				
Distillation					
IBP	°C		86		Report
	10%	°C	max	86	205
	50%	°C		86	Report
	90%	°C		86	Report
FBP	°C	max	86		300
Residue	%v	max	86		1.5
Loss	%v	max	86		1.5
Rec. at	%v	min			
Flash point Abel	°C	min	170	170	38
Density at 20°C	kg/m <sup>3</sup>		4052		
Density @ 15°C	kg/m <sup>3</sup>	min - max	4052		775 - 840
Freezing point	°C	max	2386		-47
Viscosity at -20°C	cSt	max	445		8
Specific energy, net	MJ/Kg	min	3338		42.8
Smoke point OR	mm	min	1322		25
Smoke point	mm	min	1322		19.0
AND Naphthalenes	%v	max	1840		3.00
Corrosion, copper strip, classification (2 hours +/- 5 min at 100°C +/- 1°C)	%v	max			1
Thermal Stability (JFTOT)					
Control temperature, °C	°C	min	3241		260