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	AVIATION KEROSENE COLONIAL GRADE 54 (RUSSIAN JP54)				
S/#	**COMPONENT**	**UNIT**	**MIN**	**MAX**	**TEST METHOD**
1	**Additives**				
1.1	Antioxidant in hydro processed fuel	Mg/L	17		
1.2	Antioxidant non hydro processed fuel	Mg/L		24	
1.3	Static dissipater first doping ASA-3	Mg/L	24		
1.4	Stadis 450	Mg/L	1		
2	**Combustion Properties**				
2.1	Smoke Point	Mm	18.4		D1322
2.2	Specific energy, net	MJ/Kg	19		D4868
2.3	Luminomitter number		45		D1740
2.4	Naphthalenes	% volume		3	D1840
3	**Composition**				
3.1	Total Acidity	Mg KOH/g		0.01	D3242
3.2	Aromatics	% Vol		22	D1319
3.3	Sulphur, Total	% mass		0.3	D1266/2622
3.4	Sulphur, Mercaptan	% mass		0.003	D3227
3.5	Doctor, test			Negative[3]	D4952
4	**Volatility**				
4.1	Initial Boiling Point	Deg C		Report	D86
4.2	10% vol at C			240	
4.3	20% vol at C			Report	
4.4	50% vol at C			Report	
4.5	80% vol at C			Report	
4.6	End point	Centigrade		300	
4.7	Recovered residuals	% Vol		1.5	
4.8	Loss	% Vol		1.5	
4.9	Flash Point	Deg C		42	D56/3828
4.10	Density at 15 C	Kg/M3	776/180	840/305	D4052
5	**Low Temperature**				
5.1	Freezing Point	Deg C		-40	D2386
6	**Corrosion**				
6.1	Corrosion, copper (2 hrs at 100C)			1	D130
6.2	Corrosion, silver (4hrs at 50C)			1	
7	**Stability**				
7.1	Thermal stability control, Temp. 280C	Deg C		280	
7.2	Filter pressure, differential	mm.Hg		25	
7.3	Tube deposit rating (visual)			<3	
8	**Contaminations**				
8.1	Existent Gum	Mg/100ml		7	D381
8.2	Water reaction, interface rating			16	D1094
8.3	Fuel with static dissipater additives			75	D7524
8.4	Fuel without static dissipater additive			85	
9	**Conductivity**				
9.1	Electrical conductivity	$p^3/3$		Report	