

# Russian Origin Aviation Kerosene Colonial Grade JP54 Jet Aviation Fuel

ADDITIVES		MIN	MAX	ASTM
ANTIOXIDANT IN HYDRO PROCESSED FUEL	MG/L	17	24	
ANTIOXIDANT NON HYDRO PROCESSED FUEL	MG/L		24	
STATIC DISSIPATER FIRST DOPING ASA-3	MG/L		1	
STADIS 45D	MG/L		3	

## COMBUSTION PROPERTIES

SPECIFIC ENERGY, NET	MJ/KG		18.4	D4808
SMOKE POINT	MM		19	D1322
LUMINOMITTER NUMBER			45	D1740
NAPHTALENES	5 VOL		3	D1840

## COMPOSITION

PROPERTY	UNIT	RESULT		TEST-IP METHOD	ASTM
		MIN	MAX		
TOTAL ACIDITY	MG KOH/G		0.01	354	D3242
AROMATICS	%VOL		22.0	158	D1318
SULPHUR, TOTAL	%MASS		0.30	107	D1266/2622
SULPHUR, MERCAPTAN	%MASS		0.003	342	D3227
DOCTOR, TEST				30	D4952
<b>VOLATILY</b>					
INITIAL BOILING POINT CENTIGRADE			Report	123	D96
	10% VOL AT C				240
	20% VOL AT C				Report
	50% VOL AT C				Report
	90% VOL AT C				Report
END POINT CENTIGRADE			300		
RECOVERED RESIDUALS	%VOL		1.5		
LOSS	%VOL		1.5		
FLESH POINT	CENTIGRADE		42	170/303	D56/3328
DENSITY AT 15 C	KG/M2	776	840	180/385	D1298

## LOW TEMPERATURES PROPERTIES

Freezing Point Centigrade		-40	15	D2256
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## CORROSION

Corrosion, copper (2hrs at 100C)		1	154	D130
Corrosion, silver (4hrs at 50C)		1	227	

### STABILITY

Thermal stability control, temp. 280C			323	
Filter pressure, differential mm.Hg			25	
Tube deposit rating (visual)			<3	

### CONTAMINATIONS

EXISTENT GUM	MG/100ML	7	131	D361
WATER REACOIN, INTERFACE RATING		16	258	D1084
FUEL WITH STATIC DISSIPATER ADDITIVES		75		D3684
FUEL WITHOUT STATIC DISSIPATER ADDITIVE		85		

### CONDUCTY

Electrical conductivity	P3/M		Report	
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The product is guaranteed by the Sellers not to contain bacteria and other micro organism's contamination above normal level (1000 CFU/L).