

Specification's - Aviation Kerosene Jet Fuel (JP54)

SPECIFICATIONS OF JP54 - AVIATION KEROSENE COLONIAL GRADE 54 RUSSIAN ORIGINS

Property	Test Name	Units	Min	Mas	SDecific
Acid Number	D 3242 Acidity in Turb Fuel		mg KOH/g		0.10
Additives - Conductivity	Conductivity Improver				
Additives -	General Note	General Note			
Appearance	Visual			Clear & Br	
Aromatics	D 1319 Hydrocarbon Typ by FIA		Vol%		25
Copper Strip Corrosion	D 130 Cu Str 2 Hr @ 212 F		Rating		1b
Density @ 15 C	D 1298 Dens, Sp Gr, API by Hyd		kg/m3	775	840
Dist 10 Vol% Ree, core	D 86 Dist at Atm Press		Deg F		401
Dist 50 Vol% Rec, core	D 86 Dist at Atm Press		DegF	Report	
Dist 90 Vol% Rec, core	D 86 Dist at Atm Press		Deg F	Report	
Dist End Pt, core	D 86 Dist at Atm Press		DegF		572
Dist Loss, core	D 86 Dist at Atm Press		Vol%		1.5
Dist Residue	D 86 Dist at Atm Press		Vol%		1.5
Existent Gum	D 381 Gum Content by Jet Evap		mg/100ml		7
Flash Pt	D 56 Flash Pt by TC'C		DegF		100
Freeze Pt	D 5972 Freeze Pt by Ph Tech		Deg C		-40
JFTOT Press Drop	D 3241 JFTOT@ 260 C		nmiHg		25
JFTOT Tube Rating	D 3241 JFTOT@ 260 C		Rating		<3
Mercaptan Sulfur	D 3227 Thiol Merc S by Titra		Wt%		0.003
MSEP	D 3948 Water Sep by MSEP		Rating	85	@ pt mfg
Naphthalenes	D 1840 Naphthalenes by UV		Vol%		3.0
Net Heat of Combustion	D 3338 Net Heat of Comb		BTU/lb	18,400	
Smoke Pt	D 1322 Smoke Pt		nun	18	
Sulfur	D 2622 S by X-ray Fluo Spec		wt%		0.30
Viscosity @ -4 F (-20 C)	D 445 Kinematic Viscosity		cSt		8.0
Water Rxn Interface	D 1094 Water Rxn by manual		Rating		1b
	Other Flash Pt Limits				
	Referee Methods				
	Test Tolerances				