

JORDAN PETROLEUM REFINERY CO. LTD.

LABORATORY

Batch No.	
Certificate No.	
Date Issued	
Task Number	
Sampling Date	

AVIATION TURBINE
KEROSENE
AVTUR/FULL

TESTS	RESULTS	SPECIFICATIONS		METHODS
		min.	max.	
Appearance		Bright & clear		
Specific Gravity @ 60/60 °F		0.775	0.830	ASTM D-1298/IP-160
API Gravity @ 60 °F		39	51	
Distillation				ASTM D-88/IP-121
Initial Boiling Point °C		Report		
Fuel Recovered to Vol @ 200 °C		20		
Fuel Recovered				
10% Vol °C				
20% Vol °C		Report		
30% Vol °C		Report		
50% Vol °C		Report		
End Point °C			288	
Residue % Vol			1.5	
Loss % Vol			1.5	
Flash Point °C		38		ASTM D-56
Sulfur, Total % WL			0.20	ASTM D-1286/IP-107 IP-30
Doctor Test				
Sulfur, Mercaptan % WL			0.002	ASTM D-3227
Corrosion, Copper, Classification			1	ASTM D-130/IP-134
Corrosion, Silver, Classification			1	IP-227
Brucine Gum mg/100 ml			7.0	ASTM D-381/IP-131
Aromatics % Vol			20	ASTM D-1319/IP-150
Olefins % Vol			5	ASTM D-1319/IP-158
Freezing Point °C			-50	ASTM D-1386/IP-26
Water Reaction				ASTM D-1094
Interfacial Rating			1b	
Supernatant Rating			2	
Calorific Value, net Btu 17/lb		18 400		ASTM D-1405
Anti-Loop Gravity Product		5250		ASTM D-611 & D-1298
Viscosity @ 30 °F (-34.4 °C), cSt			15	ASTM D-445/IP-71
Smoke Point mm		20		ASTM D-1322
Thermal Stability JFTOT				ASTM D-3241/IP-323
Filter pressure Differential mm Hg			25	
Tube Deposit Rating			43	
Total Acidity mg KOH/g			0.10	ASTM D-975/IP-139
Strong Acid Number mg KOH/g				ASTM D-974/IP-139
Additives:				
Inhibitor, Oxidation mg/lt		8.2	24	
Metal Deactivator mg/lt			5.7	
Stabilizer 450 Antioxidant ppm			3.0	
Inhibitor, Corrosion mg/lt		11.4	14.3	
Inhibitor, Icing (F811) % Vol		0.10	0.15	IP-277
Water Content ppm				
Particulate Matter				
FOB Origin Deliveries mg/USG				ASTM D-2716
Electrical Conductivity, PS/m		50	300	ASTM D-2624
Water Separator Diox Mod. Fed		7.0		ASTM D-2550