SAYBOLT LP
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CERTIFICATE OF ANALYSIS

Lab No.:

Job No.: 4386

Saybolt

PRODUCT:	Jet A Colonial Grade 54 Jet Fuel
IDENTIFYING MARKS:	S/T-307
TERMINAL:	Calcasieu Refining
SUBMITTED BY:	Saybolt, Sulphur, LA.
CLIENT:	Calcasieu Refining
REFERENCE NO.:	Batch # 293
DATE: Sample Received	08/15/09
DATE: Issued	08/16/09

TEST	METHOD	RESULTS
Gravity, API @ 60	D-4052	43.6
Gravity, Specific@60/60	D-4052	0.8083
Density @ 15 c	D-4052	807.7
Color Saybolt (Unfiltered)	D-156	+ 26
Color Saybolt (Filtered)	D-156	+ 28
Sulfur,X-Ray WT %	D-2622	0.0266
Doctor Test	D-4952	Negative
Mercaptan Sulfur PPM	D-3227	Waived
Flash Point, TAG CC	D-56	128
Freezing Point C (F)	D-2386	- 47.0
Net Heat Of Combustion Calculated	D-3338	18,602
Aromatics (FIA) vol. %	D-1319	16.5
Smoke Point MM	D-1322	23
Corrosion 2HRS @ 100 C	D-130	1 A
Total Acidity Mg KOH / gm	D-3242	0.005
Viscosity @ -20 C / -4 F cst	D-445	4.722
Water Reaction ; Seperation Rating	D-1094	1
Interface Rating	D-1094	1 B
Volume Change	D-1094	- 0.5
Microseparometer Index	D-3948	98 @ 78 F
Thermal Stability JFTOT @ 260 C	D-3241	
Pressure Drop MM	D-3241	1
Tube Rating	D-3241	1
Naphthalenes vol %	D-1840	2.08
Existant Gum mg / 100ml	D-381	1.1
Electrical Conductivity ps/m@ F	D-2624	2
Viscosity KIN @ 40 C cst	D-445	1.429
Burning Quality Kerosene (16 Hr)	D-187	
Average Burning Rate gm/hr	D-187	18.1
Initial Flame Height mm	D-187	25
Final Flame Height mm	D-187	24
Initial Flame Width mm	D-187	25
Final Flame Width mm	D-187	26
Chimney Deposite Color	D-187	None
Chimney Deposite Density	D-187	None
Distillation, Deg. F	D-86	-----
IBP	D-86	331.0
5%	D-86	353.7
10%	D-86	362.3
20%	D-86	377.1
30%	D-86	389.5
40%	D-86	403.7
50%	D-86	417.0
60%	D-86	432.1
70%	D-86	448.5
80%	D-86	465.3
90%	D-86	487.2
95%	D-86	505.4
E.P.	D-86	523.6
%Recovery	D-86	98.1
%Residue	D-86	1.1
Loss vol %	D-86	0.8

Issuer warrants that it has exercised due diligence and care with respect to the information and professional judgments embodied in this report. This report reflects only the findings at the time and place of inspection and testing. Issuer expressly disc

*Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D 3244 (except for analysis of RFG), IP 367 and appendix E of IP standard methods for analysis dealing with respect to the utilization of test da

Note: Product meets Jet A ASTM D-1655 & K-1 ASTM D-3699-96A Kerosene Specs

Saybolt Gabriel Fontenot