

Lab Number: S17L
Customer I.D.:
Sample Date: MM/DD/YYYY
Sample ID:
Product Type: FUEL
Report Date:

COMPANY NAME
ATTENTION: CONTACT
ADDRESS
CITY, ST ZIPCODE

LABORATORY ANALYSIS REPORT

ANALYTICAL PARAMETER	ASTM	SPECIFICATION	RESULT	UNIT
Appearance & Visual Inspection	D4176 (Proc. 1)	PASS	Pass (Clear/Bright)	
Color, ASTM	D1500	2.5 maximum	1.0	Rating
API Gravity by Hydrometer Method	D287	30 minimum	34.9	°
Specific Gravity by Hydrometer Method	D1298	0.876 maximum	0.8504	kg/m ³
Flash Point by Pensky Martin Closed Cup	D93	126 minimum	135	Degrees Fahrenheit
Total Sulfur by Ultraviolet Fluorescence	D5453	15 maximum	11	Parts per million
Copper Corrosion 3 hours @ 50 Degrees Celsius	D130	2 maximum	1a	Rating
Carbon Residue on 10% Bottoms	D524	0.35 maximum	0.116	Mass %
Water and Sediment	D6304	0.05 maximum	<0.0050	Volume %
Particulate Count	D6217	<10	1.5	mg/L
Ash Content	D482	0.01 maximum	0.005	Mass %
Distillation at Atmospheric Pressure	D86			
Initial Boiling Point		Report	322.3	Degrees Fahrenheit
10 % Recovery Temperature		Report	379.5	Degrees Fahrenheit
50 % Recovery Temperature		Report	501.5	Degrees Fahrenheit
90 % Recovery Temperature		540 to 640	607.4	Degrees Fahrenheit
Final Boiling Point		Report	636.2	Degrees Fahrenheit
Recovered Volume		98.0 minimum	99.4	Volume %
Cloud Point, Degrees F	D2500	Report	12	Degrees Fahrenheit
Cold Filter Plugging Point	D6468	Report	3	Degrees Fahrenheit
Kinematic Viscosity @ 40 Degrees Celsius	D445	1.9 to 4.1	2.44	cSt
Cetane Index (Procedure B)	D4737	40 minimum	40.2	Value
Accelerated Storage Stability	D2274			
Filterable Insolubles			0.400	mg/L
Adherent Insolubles			0.500	mg/L
Total Insolubles		15 maximum	0.900	mg/L
Thermal Stability 180 min @ 150 Degrees Celsius	D6468	80 minimum	93	Reflectance %
Trace Chloride	D5808	Report	<1 ppm	mg/kg
Viable Bacteria	D6974	<MDL	Pass - Negative	cfu/mL
Viable Fungi	D6974	<MDL	Pass - Negative	cfu/mL

Signature: _____

Title: Manager, Special Testing

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Trace Elements by ICP-AES	D7111		
Silver (Ag)		Report	mg/kg
Aluminum (Al)		Report	mg/kg
Boron (B)		Report	mg/kg
Barium (Ba)		Report	mg/kg
Calcium (Ca)		Report	mg/kg
Chromium (Cr)		Report	mg/kg
Copper (Cu)		Report	mg/kg
Iron (Fe)		Report	mg/kg
Potassium (K)		Report	mg/kg
Lithium (Li)		Report	mg/kg
Magnesium (Mg)		Report	mg/kg
Manganese (Mn)		Report	mg/kg
Molybdenum (Mo)		Report	mg/kg
Sodium (Na)		Report	mg/kg
Nickel (Ni)		Report	mg/kg
Phosphorus (P)		Report	mg/kg
Lead (Pb)		Report	mg/kg
Silicon (Si)		Report	mg/kg
Titanium (Ti)		Report	mg/kg
Vanadium (V)		Report	mg/kg
Zinc (Zn)		Report	mg/kg

Signature: _____

Title: Manager, Special Testing