

5/19/6
**MEASURE
DATE: 19-05-19 20:49
CAL# : 2
MEAS TIME: 100 s
REPEAT : 1 TIMES

SEQ#27 POS#1
ID#BT
1/ 1 0.49880 %

SEQ#28 POS#2
ID#BT
1/ 1 0.49723 %

Saybolt LP

Rt. 127 Km 13.4
Guayama, PR 00656

FAST TO THE POINT.

A ONE LABORATORY COMPANY



LABORATORY ANALYSIS REPORT

CUSTOMER
REF. NO(S):

DATE: May 21, 2010

ANALYSIS

VESSEL: BARGE TENNESSEE TRIP 227940
LABORATORY NO: SPR-1005-1172
INVOICE NO.: 13101-00008289

DESCRIPTION

SAMPLE DESIGNATED AS:
No. 6 FUEL OIL

IDENTIFYING MARKS:
BARGE TENNESSEE
BARGE COMPOSITE SAMPLE
TERMINAL: CENTRAL AGUIRRE
SAMPLE DATE: 05/19/10
TIME RECEIVED: 1830

SUBMITTED BY:
SAYBOLT LP

CLIENT: PR ELECTRIC POWER AUTH.

NOTES

- Precision parameters apply in the determination of the test results specified above. Please refer to ASTM D3244, IP 367 & appendix E of IP method for analysis & testing with respect to the utilization of test data to determine conformance with the relevant ASTM or IP specifications.
- Results were based on analysis made at the time samples were received at the laboratory.
- Samples, if any, shall be retained for a period of 45 days unless a longer period is requested in writing.
- Sample nomenclature is designated by the customer.
- This laboratory report may not be published or used except in full. It shall not be used in connection with any form of advertising unless written consent is received from an officer of Saybolt LP.
- Issuer warrants that it has exercised due diligence and care with respect to the information and professional judgments embedded in this report. This report reflects only the findings at the time and place of the inspection and testing.
- Issuer expressly disclaims any further indemnity of any kind. This report is not a guarantee or policy of insurance with respect to the goods or the contractual performance of any party. Any person relying upon this report should be aware that issuer's activities are carried out under their general terms and conditions.

This report is issued solely for the use of our customers and supplies only information they specifically requested. There may be other relevant information which has not been reported. Saybolt will not be responsible to third parties for the contents of this report or for any omission therefrom.

TEST

METHOD

SPECIFICATION

RESULT

TEST	METHOD	MIN	MAX	RESULT
API GRAVITY @ 60 °F, °API	D-287-92(2006)	10.5	18.0	15.1
SULFUR, wt. %	D-4294-08a		0.50	0.50
VISCOSITY SFS @ 122 °F	D-445-06 / D-2161	100	350	207
WATER & SEDIMENT, vol. %	D-1796-04		1	0.3
FLASH POINT, PIMCC, °F	D-93-07-B	150		174
ASH, wt. %	D-482-03		0.1	0.04
ASPHALTENES, wt. %	D-3279-97(2001)		8.0	2.7
POUR POINT, °F	D-97-06		75	32
SODIUM + POTASSIUM, ppm/wt.	D-5863-00a(2005)B MOD		35	28
VANADIUM, ppm/wt.	D-1548		150	14
CALCIUM, ppm/wt.	D-5863-00a(2005)B MOD		75	18
HEATING VALUE, (GROSS)	D-240-02(2007)			
BTU/GAL		150,000		150,471
BTU/LB				18,720

DATE OF ANALYSIS: May 19, 2010

MEMBERS ASTM-API-SAE



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