



ORIGINAL

ANALYSIS REPORT NJ10- 306.001

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Order Number : OGCNJ1010
Sample : Heavy Oil
Containers : 1X4000ml plastic bottle
Sample No : NJ10- 306.001
Client Sample Id. : --

Date Sampled : N/A
Date Received : 03/11/2010
Date Tested : 05/11/2010
Date Reported : 10/11/2010

Sample Details

Sample Type : N/A

Source : Sent by client


The above sample was tested and the following results have been obtained:

Analysis	Unit	Method	Min	Max	Results
Appearance		Visual	--	--	Black Oil
Color (ASTM)		ASTM D1500-07	--	--	>8.0 Dil
Density @15°C	kg/L	ASTM D1298-99 (2005)	--	--	0.9832
Distillation		ASTM D86-09			
IBP	°C		--	--	102.0
10% V/V recovery	°C		--	--	129.0
20% V/V recovery	°C		--	--	158.0
30% V/V recovery	°C		--	--	189.0
40% V/V recovery	°C		--	--	216.0
50% V/V recovery	°C		--	--	239.0
60% V/V recovery	°C		--	--	303.0
70% V/V recovery	°C		--	--	333.0
80% V/V recovery	°C		--	--	355.0
90% V/V recovery	°C		--	--	370.0
Decomposition point	°C		--	--	370.0
Flash Point (PMCC)	°C	ASTM D93-10	--	--	64.0
Copper Corrosion 3hrs@50°C		ASTM D130-04e1	--	--	1a

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Analysis	Unit	Method	Min	Max	Results
Sulfur	%(m/m)	ASTM D2622-10	--	--	0.860
Kinematic Viscosity @40°C	mm ² /s	ASTM D445-09	--	--	30.14
Conradson Carbon Residue	%(m/m)	ASTM D189-06e2	--	--	5.8
Water Content	%(m/m)	ASTM D1744-92 (Withdrawn 2000)	--	--	0.444
Ash	%(m/m)	ASTM D482-07	--	--	>0.18
Sediment by Extraction	%(m/m)	ASTM D473-07	--	--	3.50
Caloric Value (Gross)	MJ/kg	ISO 8217-2010 (Annex E)	--	--	43.52
Caloric Value (Net)	MJ/kg	ISO 8217-2010 (Annex E)	--	--	40.82

The above reflects our findings at time, date and place of above mentioned only and does not refer to any other matters.



Authorised Signatory
Oil, Gas & Chemicals Services

- 1) Precision parameters apply in the determination of the above results. Also refer to ASTM D3244, IP 367 & Appendix E of IP Standard Methods for Analysis & Testing, for utilization of test data to determine conformance with specifications.
- 2) This report shall not be reproduced, except in full, without written approval of the laboratory.

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