

Patti 412 977-8298

CONTI TESTING LABORATORIES, INC.

P.O. BOX 174 - BETHEL PARK, PA 15102
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Project Navigator, LTD.
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 Attn: Ms. Tamara Zeier
 714-388-1804 office
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6/6/2004

CTL ID 84454
 Received 6/1/2004
 Analyzed: 6/5/2004

Sampled By: Client

Sample ID: PNL - L1A

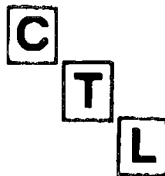
PROXIMATE ANALYSIS

	As Received	Dry	MAF	ASTM Method
Moisture	4.55			Karl Fisher
Ash	5.33	5.58		D 3174
Volatile Matter	88.45	92.67		D 3175
Fixed Carbon	1.67	1.75		D 3175

ULTIMATE ANALYSIS

	As Received	Dry	ASTM Method
Moisture	4.55		Karl Fisher
Ash	5.33	5.58	D 3174
Hydrogen	4.86	4.56	D 5373
Carbon	82.25	86.17	D 5373
Nitrogen	0.83	0.87	D 5373
Sulfur	1.52	1.59	D 4239
Oxygen	5.21	1.23	D 3176

Approved by: 



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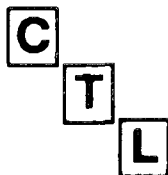
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Sample ID: PNL - L1A

	<u>Results</u>	<u>ASTM Method</u>
Specific Gravity @ 25 oC	1.18	D-71
Pour Point (oF)	90	D-97
Viscosity (cps)		Brookfield
100 oF	>400,000	
200 oF	215,000	
300 oF	1,150	

Approved by: 



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6/8/2004

CTL ID 84455
Received 6/1/2004
Analyzed: 6/5/2004

Sampled By: Client

Sample ID: PNL - L1B

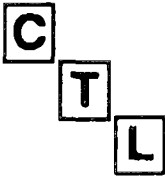
PROXIMATE ANALYSIS

	As Received	Dry	MAF	ASTM Method
Moisture	3.65			Karl Fisher
Ash	3.41	3.54		D 3174
Volatile Matter	89.43	92.82		D 3175
Fixed Carbon	3.51	3.64		D 3175

ULTIMATE ANALYSIS

	As Received	Dry	ASTM Method
Moisture	3.65		Karl Fisher
Ash	3.41	3.54	D 3174
Hydrogen	5.02	4.79	D 5373
Carbon	84.27	87.46	D 5373
Nitrogen	0.88	0.91	D 5373
Sulfur	1.60	1.66	D 4239
Oxygen	4.82	1.64	D 3176

Approved by: *T. J. O'Keefe*



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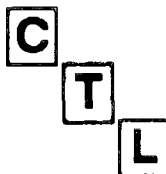
CTL ID 84455
 Received 8/1/2004
 Analyzed: 6/5/2004

Sampled By: Client

Sample ID: PNL - L1B

	<u>Results</u>	<u>ASTM Method</u>
Specific Gravity @ 25 oC	1.09	D-71
Pour Point (oF)	93	D-97
Viscosity (cps)		Brookfield
100 oF	>400,000	
200 oF	230,000	
300 oF	1,075	

Approved by: *T. J. Otruba*



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6/6/2004

CTL ID 84458
Received 6/1/2004
Analyzed: 6/5/2004

Sampled By: Client

Sample ID: PNL - L2A

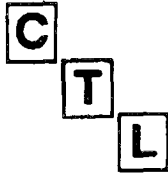
PROXIMATE ANALYSIS

	As Received	Dry	MAF	ASTM Method
Moisture	3.78			Karl Fisher
Ash	4.67	4.85		D 3174
Volatile Matter	86.46	89.86		D 3175
Fixed Carbon	5.09	5.29		D 3175

ULTIMATE ANALYSIS

	As Received	Dry	ASTM Method
Moisture	3.78		Karl Fisher
Ash	4.67	4.85	D 3174
Hydrogen	4.96	4.72	D 5373
Carbon	83.38	86.63	D 5373
Nitrogen	0.89	0.92	D 5373
Sulfur	1.63	1.69	D 4230
Oxygen	4.50	1.19	D 3176

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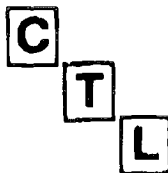
CTL ID 84456
Received 6/1/2004
Analyzed: 6/5/2004

Sampled By: Client

Sample ID: PNL - L2A

	<u>Results</u>	<u>ASTM Method</u>
Specific Gravity @ 25 oC	1.14	D-71
Pour Point (oF)	93	D-97
Viscosity (cps)		Brookfield
100 oF	>400,000	
200 oF	285,000	
300 oF	1,450	

Approved by: *T. J. Orso*



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6/6/2004

CTL ID 84457
 Received 6/1/2004
 Analyzed: 6/5/2004

Sampled By: Client

Sample ID: PNL - L2B

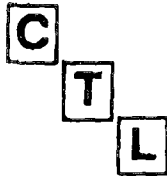
PROXIMATE ANALYSIS

	As Received	Dry	MAF	ASTM Method
Moisture	8.45			Karl Fisher
Ash	23.54	25.71		D 3174
Volatile Matter	47.70	52.10		D 3175
Fixed Carbon	20.31	22.19		D 3175

ULTIMATE ANALYSIS

	As Received	Dry	ASTM Method
Moisture	8.45		Karl Fisher
Ash	23.54	25.71	D 3174
Hydrogen	3.76	3.07	D 5373
Carbon	23.13	25.27	D 5373
Nitrogen	0.85	0.93	D 5373
Sulfur	1.85	1.80	D 4239
Oxygen	47.07	43.22	D 3176

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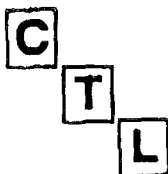
CTL ID 84457
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 Analyzed: 6/5/2004

Sampled By: Client

Sample ID: PNL - L2B

	<u>Results</u>	<u>ASTM Method</u>
Specific Gravity @ 25 oC	1.22	D-71
Pour Point (oF)	150	D-97
Viscosity (cps)		Brookfield
100 oF	>400,000	
200 oF	285,000	
300 oF	2,550	

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Sampled By: Client

Sample ID: PNL - L3A

	<u>Results</u>	<u>ASTM Method</u>
Btu/lb (as Received)	4,979	D 3286
Pour Point (oF)	140	D-97

Approved by: 