

Nobil Petroleum Testing, Inc.

86 Doremus Avenue Newark, NJ 07105 (973) 522-1006

LABORATORY ANALYSIS REPORT

LABORATORY NO.: 1101-173

DATE: 11/12/01

INVOICE NO: NO-3476A

DESCRIPTION

- Sample designated as:
JET FUEL
- Identifying Marks:
SAMPLE IDENTIFICATION:
CART # 612, SUMP SAMPLE
- Submitted by:
OGDEN AVIATION EMPLOYEE
AT J.F.K. INT'L AIRPOT,NY
- Client:
OGDEN AVIATION SERVICE OF
NEW YORK
JF KENNEDY INT'L AIRPORT

SAMPLES SHALL BE RETAINED BY NOBIL PETROLEUM TESTING FOR A PERIOD OF 30 DAYS UNLESS OTHERWISE REQUESTED IN WRITING

NOTES

- This laboratory report may not be published or used except in full.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 NPT, Inc.
- Results were based on analysis made at the time samples were received at the laboratory.
- Sample nomenclature is designated by the customer.

ANALYSIS

TEST	METHOD	SPECIFICATION	RESULT
GRAVITY, API AT 60 F	D-1298	min 37/max 51	43.0
FLASH POINT, TAG CLOSED CUP, DEG F	D-56	min 100	119
COPPER CORROSION, 2 HRS AT 212	D-130	max No. 1	1a
FREEZING POINT, DEG C	D-2386	min - 40.0	- 46.5
DISTILLATION, IBP, DEG F	D-86	max 400	320
RCVD, 10 PCT, DEG F			358
RCVD, 50 PCT, DEG F			410
RCVD, 90 PCT, DEG F			476
END POINT, DEG F		max 572	530
RECOVERY, VOL PCT		max 1.5	99.0
RESIDUE, VOL PCT		min plus 16	0.8
COLOR, SAYBOLT	D-156		PLUS 21
WATER REACTION: SEPARATION RATING	D-1094		1
: INTERFACE RATING	D-1094	max 1b	1
: CHANGE IN VOLUM,ML	D-1094		0
MICROSEPAROMETER INDEX (MSEP)	D-3948	min 85	99

THE ABOVE TEST RESULTS MEET PART OF D-1655 SPECIFICATION.

MEMBERS ASTM-API-SAE

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. Nobil Petroleum Testing will not be responsible to third parties for the contents of this report or for any omission therefrom.

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APPENDIX 4

Nobil Petroleum Testing, Inc.

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LABORATORY ANALYSIS REPORT

LABORATORY NO.: 1101-174

DATE: 11/12/01

INVOICE NO: NO-3476A

DESCRIPTION

- Sample designated as:
JET FUEL
- Identifying Marks:
SAMPLE IDENTIFICATION:
TANK # 314, 403-2, 8
- Submitted by:
OGDEN AVIATION EMPLOYEE
AT J.F.K. INT'L AIRPOT, NY
- Client:
OGDEN AVIATION SERVICE OF
NEW YORK
JF KENNEDY INT'L AIRPORT

SAMPLES SHALL BE PREPARED BY NOBIL PETROLEUM TESTING FOR A PERIOD OF 30 DAYS UNLESS OTHERWISE REQUESTED IN WRITING

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- Results were based on analysis made at the time samples were received at the laboratory.
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ANALYSIS

TEST	METHOD	SPECIFICATION	RESULT
GRAVITY, API AT 60 F	D-1298	min 37/max 51	42.9
FLASH POINT, TAG CLOSED CUP, DEG F	D-56	min 100	119
COPPER CORROSION, 2 HRS AT 212	D-130	max No. 1	1a
FREEZING POINT, DEG C	D-2386	min - 40.0	- 45.5
DISTILLATION, IBP, DEG F	D-86		324
RCVD, 10 PCT, DEG F		max 400	356
RCVD, 50 PCT, DEG F			406
RCVD, 90 PCT, DEG F			168
END POINT, DEG F		max 572	526
RECOVERY, VOL PCT			99.0
RESIDUE, VOL PCT		max 1.5	0.7
COLOR, SAYBOLT	D-156	min plus 16	PLUS 21
WATER REACTION: SEPARATION RATING	D-1094		1
: INTERFACE RATING	D-1094	max 1b	1
: CHANGE IN VOLUM, ML	D-1094		0
MICROSEPAROMETER INDEX (MSEP)	D-3948	min 85	92

THE ABOVE TEST RESULTS MEET PART OF D-1655 SPECIFICATION.

MEMBERS ASTM-API-SAE

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APPENDIX 4

Nobil Petroleum Testing, Inc.

86 Doremus Avenue Newark, NJ 07105 (973) 522-1006

LABORATORY ANALYSIS REPORT

LABORATORY NO.: 1101-175
 DATE: 11/12/01
 INVOICE NO: NO-3476A

<p>DESCRIPTION</p> <ul style="list-style-type: none"> ■ Sample designated as: JET FUEL ■ Identifying Marks: SAMPLE IDENTIFICATION: TANK # 315, 403-2, 8 ■ Submitted by: OGDEN AVIATION EMPLOYEE AT J.F.K. INT'L AIRPORT, NY ■ Client: OGDEN AVIATION SERVICE OF NEW YORK JF KENNEDY INT'L AIRPORT <p style="font-size: small; text-align: center;">SAMPLES SHALL BE RETAINED BY NOBIL PETROLEUM TESTING FOR A PERIOD OF 30 DAYS UNLESS OTHERWISE REQUESTED IN WRITING</p> <p style="text-align: center;">NOTES</p> <ul style="list-style-type: none"> ■ 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 NPT, Inc. ■ Results were based on analysis made at the time samples were received at the laboratory. ■ Sample nomenclature is designated by the customer. 	<p style="text-align: center;">ANALYSIS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">TEST</th> <th style="text-align: left;">METHOD</th> <th style="text-align: left;">SPECIFICATION</th> <th style="text-align: left;">RESULT</th> </tr> </thead> <tbody> <tr> <td>GRAVITY, API AT 60 F</td> <td>D-1298</td> <td>min 37/max 51</td> <td>43.1</td> </tr> <tr> <td>FLASH POINT, TAG CLOSED CUP, DEG F</td> <td>D-56</td> <td>min 100</td> <td>119</td> </tr> <tr> <td>COPPER CORROSION, 2 HRS AT 212</td> <td>D-130</td> <td>max No. 1</td> <td>1a</td> </tr> <tr> <td>FREEZING POINT, DEG C</td> <td>D-2386</td> <td>min - 40.0</td> <td>- 46.5</td> </tr> <tr> <td>DISTILLATION, IBP, DEG F</td> <td>D-86</td> <td></td> <td>320</td> </tr> <tr> <td>RCVD, 10 PCT, DEG F</td> <td></td> <td>max 400</td> <td>356</td> </tr> <tr> <td>RCVD, 50 PCT, DEG F</td> <td></td> <td></td> <td>406</td> </tr> <tr> <td>RCVD, 90 PCT, DEG F</td> <td></td> <td></td> <td>470</td> </tr> <tr> <td>END POINT, DEG F</td> <td></td> <td>max 572</td> <td>524</td> </tr> <tr> <td>RECOVERY, VOL PCT</td> <td></td> <td>max 1.5</td> <td>99.0</td> </tr> <tr> <td>RESIDUE, VOL PCT</td> <td>D-156</td> <td>min plus 16</td> <td>0.9</td> </tr> <tr> <td>COLOR, SAYBOLT</td> <td></td> <td></td> <td>PLUS 21</td> </tr> <tr> <td>WATER REACTION: SEPARATION RATING</td> <td>D-1094</td> <td></td> <td>1</td> </tr> <tr> <td>: INTERFACE RATING</td> <td>D-1094</td> <td>max 1b</td> <td>1</td> </tr> <tr> <td>: CHANGE IN VOLUM, ML</td> <td>D-1094</td> <td></td> <td>0</td> </tr> <tr> <td>MICROSEPAROMETER INDEX (MSEP)</td> <td>D-3948</td> <td>min 85</td> <td>91</td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 20px;">THE ABOVE TEST RESULTS MEET PART OF D-1655 SPECIFICATION.</p> <p style="text-align: right; font-size: small;">MEMBERS ASTM-API-SAE</p>	TEST	METHOD	SPECIFICATION	RESULT	GRAVITY, API AT 60 F	D-1298	min 37/max 51	43.1	FLASH POINT, TAG CLOSED CUP, DEG F	D-56	min 100	119	COPPER CORROSION, 2 HRS AT 212	D-130	max No. 1	1a	FREEZING POINT, DEG C	D-2386	min - 40.0	- 46.5	DISTILLATION, IBP, DEG F	D-86		320	RCVD, 10 PCT, DEG F		max 400	356	RCVD, 50 PCT, DEG F			406	RCVD, 90 PCT, DEG F			470	END POINT, DEG F		max 572	524	RECOVERY, VOL PCT		max 1.5	99.0	RESIDUE, VOL PCT	D-156	min plus 16	0.9	COLOR, SAYBOLT			PLUS 21	WATER REACTION: SEPARATION RATING	D-1094		1	: INTERFACE RATING	D-1094	max 1b	1	: CHANGE IN VOLUM, ML	D-1094		0	MICROSEPAROMETER INDEX (MSEP)	D-3948	min 85	91
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Approved by _____