



ExxonMobil Oil Corporation

22777 Springwoods Village Parkway
Ste. 6137
Spring, TX 77389

Attention : Alex Wood

MOVEMENT : Load
VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
File N° : GON-10304
DATE : 02/24/2021 - 03/02/2021
REFERENCE N° : 5310230-10

Contents

Voyage Analysis Report
Shore Tank Quantity
Vessel Quantity Report
Timelog
LOP/NAD
Analytical Report

Dear Client,

Please find attached our Inspection Report No. GON-10304 corresponding to the Load operation of the captioned vessel, at place and date(s) shown above. The complete report is composed of individual field reports, which we believe are self-explanatory.

We trust that this report supplies the proper input needed so that we comply with your requirements. Should there be any points that need further clarification, please do not hesitate to contact us.

All Camin Cargo Control measurement devices and methods used for quantity and quality determination meet the pertinent requirements of 40 CFR 98.3 et. seq. (Greenhouse Gas Mandatory Reporting Rule)

Yours Sincerely,

Camin Cargo Control

2137 S. Phillipe Ave. Gonzales, LA 70737
Phone: 225-307-0900
OpsGonzales@camincargo.com

www.camincargo.com



VOYAGE ANALYSIS REPORT N° GON-10304

VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021
REFERENCE N° : 5310230-10

| Port | | VCF | Voyage# | Gauge Date | | | |
|---|-------------|-----------------|---------|-------------|--------------------|------------|-----------|
| LOAD : ExxonMobil - Baton Rouge, LA | | 6B | | 26-FEB-2021 | | | |
| DISCHARGE | | | | | | | |
| Barrels @ 60 °F | API @ 60 °F | TCV | FW | GSV | S&W | NSV | Reference |
| I. SHORE/SHORE COMPARISON-NOT AVAILABLE | | | | | | | |
| 1. Loading Quantity | 74.3 | 53,688.00 | 0.00 | 53,688.00 | 0.00 | 53,688.00 | |
| 2. Outturn | | | | | | | |
| 3. Difference | | | | | | | (2-1) |
| 4. Difference % | | | | | | | (3/1*100) |
| Adjusted TCV Difference | | | | | | | (3-b+l) |
| II. VESSEL/SHORE COMPARISON AT LOADPORT | | | | | | | |
| a. After Loading | | 53,480.42 | 0.00 | 53,480.42 | Liquid | Non-Liquid | |
| b. OBQ | | 0.00 | 0.00 | 0.00 | | | |
| c. Vessel Received | | 53,480.42 | 0.00 | 53,480.42 | | | (a-b) |
| d. Difference | | -207.58 | 0.00 | -207.58 | | | (c-1) |
| e. Difference % | | -0.39 | | -0.39 | | | (d/1*100) |
| f. Load Ratio | | 0.99613 | | | | | (c/1) |
| g. VEF | | | | | | | |
| h. Theoretical Shore | | | | | | | (c/g) |
| i. Theoretical Shore Diff. | | | | | | | (h-1) |
| j. Theoretical Shore Diff. % | | | | | | | (i/1*100) |
| III. VESSEL/SHORE COMPARISON AT DISPORT-NOT AVAILABLE | | | | | | | |
| k. Before Discharge | | | | | Liquid | Non-Liquid | |
| l. ROB | | | | | | | |
| m. Vessel Delivered | | | | | | | (k-l) |
| n. Difference | | | | | | | (2-m) |
| o. Difference % | | | | | | | (n/2*100) |
| p. Discharge Ratio | | | | | | | (m/2) |
| q. VEF | | | | | | | |
| r. Theoretical Shore | | | | | | | (m/q) |
| s. Theoretical Shore Diff. | | | | | | | (2-r) |
| t. Theoretical Shore Diff. % | | | | | | | (s/2*100) |
| IV. VESSEL IN TRANSIT COMPARISON-NOT AVAILABLE | | | | | | | |
| u. In-Transit Diff. | | | | | | | (k-a) |
| v. In-Transit Diff. % | | | | | Liquid | Non-Liquid | (u/a*100) |
| w. OBQ/ROB Difference | | | | | | | (b-l) |
| Adjusted TCV Difference | | S&W at Loadport | | 0.000 % | S&W at Disport --- | | |

There are an insufficient number of voyages to compute a Load VEF.

Calculated as per Chapter 17.5

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXXM17-03 / 563733 / March 2, 2021

**QUANTITY CERTIFICATE N° GON- 10304**

Based on Shore Measurements

VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021
REFERENCE N° : 5310230-10

| | Reading | TOV | Meter | Temp. | API | VCF | Pressure | Pressure Corr. | Comp. Corr. | GSV | S&W | S&W Vol. | NSV |
|-------------------|----------|-------------------------------|--------|-------|----------|---------|----------|----------------|-------------|--------------------------------|-----|----------|-------------|
| Meter: #2DockLine | | Gauge Date Open: 24-Feb 22:56 | | | | | | | | Gauge Date Close: 26-Feb 05:52 | | | |
| | M (Inn.) | Bbls | Factor | °F | @ 60°F | 6B | | Factor | Factor | Bbls @ 60°F | % | @ 60°F | Bbls @ 60°F |
| O | 0 | 53,688.00 | 1.0005 | 82.1 | 74.3 (T) | 0.98305 | 26.70 | 1.000000 | 1.0000 | 53,688.00 | --- | --- | 53,688.00 |
| C | 53688 | | | | | | | | | | | | |
| Line: | | | | | | | | | | --- | | | |
| Adjustment: | | | | | | | | | | --- | | | |

S=Submitted / C=Calculated / T=Tested by CCC / W=Tested by Terminal/Refinery & Witnessed by CCC

Totals computed using appropriate tables corresponding to Delivered API.

Notes for #2DockLine: *Please note the "Meter Factor, PC Factor, CC Factor" are for reference only and weren't used for the GSV/NSV calculations. The factors were already pre-calculated into the Meter figure provided to us by the Terminal.

RAFFINATE - TOTAL QUANTITIES - DELIVERED

| | | | | | |
|-------------------------|--------------|--------------|-------------------|--------------|--------------|
| TCV, Barrels @ 60 °F | 53,688.00 | S&W | --- | | |
| Free Water Barrels | 0.00 | | --- | | |
| | GSV | NSV | | GSW | NSW |
| Barrels @ 60 °F | 53,688.00 | 53,688.00 | Long Tons - Air | 5,761.235 | 5,761.235 |
| Gallons @ 60 °F | 2,254,896.00 | 2,254,896.00 | Metric Tons - Air | 5,853.685 | 5,853.685 |
| API Gravity @ 60 °F (T) | 74.3 | | Short Tons - Air | 6,452.584 | 6,452.584 |
| Lb/Gal @ 60 °F | 5.723176167 | | Kilograms - Air | 5,853,685.0 | 5,853,685.0 |
| | | | Pounds - Air | 12,905,167.0 | 12,905,167.0 |

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.



VESSEL QUANTITY REPORT N° GON-10304

VESSEL : Kirby - 28168
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021
REFERENCE N° : 5310230-10

| Comp. No | Chart RH Ft-In | Phy GH Ft-In | Gauge Ft-In | TOV Bbls | Water Gauge | Water Bbls | Temp. °F | VCF 6B | GSV @ 60 °F Bbls |
|----------|-------------------|-----------------|----------------|-------------|----------------|---------------|-------------|-----------|---------------------|
| 01P | 16-07 03/04 | 16-07 03/04 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 01S | 16-07 01/04 | 16-07 01/04 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 02P | 16-07 01/02 | 16-07 01/02 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 02S | 16-07 01/02 | 16-07 01/02 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 03P | 16-06 00/00 | 16-06 00/00 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 03S | 16-05 01/04 | 16-05 01/04 | 00-00 00/00 | Nil | ---- | Nil | | | |
| | | | | Nil | | Nil | | | |

| Draft (Ft-in) | Fwd (P) | Fwd (S) | Aft (P) | Aft (S) | Trim | List |
|---------------|---------|---------|---------|---------|--------------|------|
| Before | 02-00 | 02-00 | 01-09 | 01-09 | -00-03 00/00 | 0.00 |

Note:

No Trim Correction was applied.

VESSEL QUANTITIES**ARRIVAL**

TCV, Barrels @ 60 °F 0.00
Free Water Barrels 0.00
GSV
Barrels @ 60 °F 0.00
Gallons @ 60 °F 0.00
API Gravity @ 60 °F
Lb/Gal @ 60 °F



VESSEL QUANTITY REPORT N° GON-10304

VESSEL : Kirby - 28168
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021
REFERENCE N° : 5310230-10

| Comp. No | Chart RH Ft-In | Phy GH Ft-In | Gauge Ft-In | TOV Bbls | Water Gauge | Water Bbls | Temp. °F | VCF 6B | GSV @ 60 °F Bbls |
|----------|----------------|--------------|-------------|-----------|-------------|------------|----------|---------|------------------|
| 01P | 16-07 03/04 | 16-08 00/00 | 04-01 00/00 | 4,491.86 | ---- | Nil | 74.7 | 0.98875 | 4,441.33 |
| 01S | 16-07 01/04 | 16-07 01/02 | 04-00 01/02 | 4,495.37 | ---- | Nil | 74.7 | 0.98875 | 4,444.80 |
| 02P | 16-07 01/02 | 16-07 01/02 | 03-11 01/02 | 4,543.55 | ---- | Nil | 75.9 | 0.98782 | 4,488.21 |
| 02S | 16-07 01/02 | 16-07 01/02 | 03-11 00/00 | 4,571.91 | ---- | Nil | 75.7 | 0.98798 | 4,516.96 |
| 03P | 16-06 00/00 | 16-06 01/04 | 03-10 03/04 | 4,244.28 | ---- | Nil | 75.8 | 0.98790 | 4,192.92 |
| 03S | 16-05 01/04 | 16-05 01/04 | 03-11 03/04 | 4,228.72 | ---- | Nil | 75.7 | 0.98798 | 4,177.89 |
| | | | | 26,575.69 | | Nil | 75.4 | | 26,262.11 |

| Draft (Ft-in) | Fwd (P) | Fwd (S) | Aft (P) | Aft (S) | Trim | List |
|---------------|---------|---------|---------|---------|--------------|------|
| Before | 02-00 | 02-00 | 01-09 | 01-09 | -00-03 00/00 | 0.00 |
| After | 08-06 | 08-06 | 08-06 | 08-06 | 00-00 00/00 | 0.00 |

Note:

No Trim Correction was applied.

| VESSEL QUANTITIES | DEPARTURE | RECEIVED | | | | |
|----------------------|--------------|--------------|--------------|-------------------|-------------|-------------|
| TCV, Barrels @ 60 °F | 26,262.11 | 26,262.11 | S&W | --- | | |
| Free Water Barrels | 0.00 | 0.00 | | --- | | |
| | GSV | GSV | NSV | | GSW | NSW |
| Barrels @ 60 °F | 26,262.11 | 26,262.11 | 26,262.11 | Long Tons - Air | 2,818.175 | 2,818.175 |
| Gallons @ 60 °F | 1,103,008.62 | 1,103,008.62 | 1,103,008.62 | Metric Tons - Air | 2,863.398 | 2,863.398 |
| API Gravity @ 60 °F | 74.3 (T) | 74.3 (T) | | Short Tons - Air | 3,156.356 | 3,156.356 |
| Lb/Gal @ 60 °F | 5.723176167 | 5.723176167 | | Kilograms - Air | 2,863,398.0 | 2,863,398.0 |
| | | | | Pounds - Air | 6,312,713.0 | 6,312,713.0 |

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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VESSEL QUANTITY REPORT N° GON-10304

VESSEL : MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021
REFERENCE N° : 5310230-10

| Comp. No | Chart RH Ft-In | Phy GH Ft-In | Gauge Ft-In | TOV Bbls | Water Gauge | Water Bbls | Temp. °F | VCF 6B | GSV @ 60 °F Bbls |
|----------|-------------------|-----------------|----------------|-------------|----------------|---------------|-------------|-----------|---------------------|
| 1P | 15-04 01/02 | 16-11 01/04 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 1S | 15-04 01/02 | 16-11 00/00 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 2P | 15-04 01/04 | 16-10 03/04 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 2S | 15-04 01/02 | 16-11 01/02 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 3P | 15-04 01/04 | 16-11 00/00 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 3S | 15-04 01/02 | 16-11 00/00 | 00-00 00/00 | Nil | ---- | Nil | | | |
| | | | | Nil | | Nil | | | |

| Draft (Ft-in) | Fwd (P) | Fwd (S) | Aft (P) | Aft (S) | Trim | List |
|---------------|---------|---------|---------|---------|--------------|------|
| Before | 02-00 | 02-00 | 01-09 | 01-09 | -00-03 00/00 | 0.00 |

Note:

No Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES**ARRIVAL**

TCV, Barrels @ 60 °F 0.00
Free Water Barrels 0.00
GSV
Barrels @ 60 °F 0.00
Gallons @ 60 °F 0.00
API Gravity @ 60 °F
Lb/Gal @ 60 °F



VESSEL QUANTITY REPORT N° GON-10304

VESSEL : MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021
REFERENCE N° : 5310230-10

| Comp. No | Chart | RH | Phy | GH | Gauge | Corr. | Gauge | TOV | Water | Water | Temp. | VCF | GSV @ 60 °F | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|------|-------------|-----------|
| | Ft-In | | Ft-In | | Ft-In | | | Bbbs | Gauge | Bbbs | °F | 6B | Bbbs | |
| 1P | 15-04 | 01/02 | 16-10 | 01/02 | 03-08 | 00/00 | 02-02 | 00/00 | 4,801.13 | ---- | Nil | 75.9 | 0.98782 | 4,742.65 |
| 1S | 15-04 | 01/02 | 16-10 | 01/02 | 03-08 | 01/02 | 02-02 | 01/02 | 4,785.86 | ---- | Nil | 75.9 | 0.98782 | 4,727.57 |
| 2P | 15-04 | 01/04 | 16-10 | 01/02 | 03-08 | 01/04 | 02-02 | 00/00 | 4,541.83 | ---- | Nil | 75.8 | 0.98790 | 4,486.87 |
| 2S | 15-04 | 01/02 | 16-10 | 01/02 | 03-07 | 01/04 | 02-01 | 01/04 | 4,570.58 | ---- | Nil | 75.9 | 0.98782 | 4,514.91 |
| 3P | 15-04 | 01/04 | 16-10 | 01/04 | 04-02 | 01/04 | 02-08 | 01/04 | 4,381.42 | ---- | Nil | 76.3 | 0.98752 | 4,326.74 |
| 3S | 15-04 | 01/02 | 16-11 | 01/02 | 03-11 | 01/02 | 02-04 | 01/02 | 4,475.11 | ---- | Nil | 76.2 | 0.98759 | 4,419.57 |
| | | | | | | | | | 27,555.93 | | Nil | 76.0 | | 27,218.31 |

| Draft (Ft-in) | Fwd (P) | Fwd (S) | Aft (P) | Aft (S) | Trim | List |
|---------------|---------|---------|---------|---------|--------------|------|
| Before | 02-00 | 02-00 | 01-09 | 01-09 | -00-03 00/00 | 0.00 |
| After | 08-06 | 08-06 | 08-06 | 08-06 | 00-00 00/00 | 0.00 |

Note:

Trim Correction was applied.

Vessel was gauged/sampled using a Closed/Restricted System

| VESSEL QUANTITIES | DEPARTURE | RECEIVED | | | | |
|----------------------|--------------|--------------|--------------|-------------------|-------------|-------------|
| TCV, Barrels @ 60 °F | 27,218.31 | 27,218.31 | S&W | --- | | |
| Free Water Barrels | 0.00 | 0.00 | | --- | | |
| | GSV | GSV | NSV | | GSW | NSW |
| Barrels @ 60 °F | 27,218.31 | 27,218.31 | 27,218.31 | Long Tons - Air | 2,920.785 | 2,920.785 |
| Gallons @ 60 °F | 1,143,169.02 | 1,143,169.02 | 1,143,169.02 | Metric Tons - Air | 2,967.654 | 2,967.654 |
| API Gravity @ 60 °F | 74.3 (T) | 74.3 (T) | | Short Tons - Air | 3,271.279 | 3,271.279 |
| Lb/Gal @ 60 °F | 5.723176167 | 5.723176167 | | Kilograms - Air | 2,967,654.0 | 2,967,654.0 |
| | | | | Pounds - Air | 6,542,558.0 | 6,542,558.0 |

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXXM17-03 / 563733 / March 2, 2021

**TIME LOG REPORT N° GON-10304**

VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021
REFERENCE N° : 5310230-10

| Date | Time | Description |
|-------------|-------|---|
| 24-FEB-2021 | 12:45 | Notice of Readiness Tendered |
| | 18:43 | Inspector Notified |
| | 19:25 | Barge(s) Arrived |
| | 19:50 | Barge(s) Docked |
| | 20:15 | Inspector Arrived |
| | 20:17 | Inspector on Board |
| | 20:20 | Preliminary Inspection Commenced |
| | 20:35 | Preliminary Inspection Completed |
| | 20:35 | Preliminary Calculations Commenced |
| | 20:40 | Preliminary Calculations Completed |
| | 23:00 | Cargo Hose(s) Connected |
| 25-FEB-2021 | 00:40 | Load Commenced |
| | 07:50 | Shutdown due to MVR Maintenance |
| | 12:30 | Load Resumed |
| 26-FEB-2021 | 05:15 | Inspector Notified |
| | 05:55 | Load Completed |
| | 06:25 | Inspector Arrived |
| | 07:15 | Cargo Hose(s) Disconnected |
| | 07:38 | Inspector on Board |
| | 07:42 | Final Inspection Commenced |
| | 08:44 | Final Inspection Completed |
| | 08:44 | Final Calculations Commenced |
| | 08:49 | Final Calculations Completed |
| | 08:50 | Inspector Departed |
| 02-MAR-2021 | 09:00 | Released by Inspector |
| | 21:37 | Sent for/Awaiting Confirmation |
| | 07:20 | Received confirmation from the terminal |

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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LETTER OF PROTEST ° GON-10304

VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021

TO : Other

REFERENCE : VAR

On Behalf of our Principals, we do hereby note the following Protest:

Loading Quantity: 53,688.00 bbls.
Vessel Received: 53,480.42 bbls.
Difference: -207.58 bbls.
Difference %: -0.39

We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.

The signature below is for receipt only.

Respectfully,

| |
|-------------|
| Signature: |
| Print Name: |
| Position: |
| Date/Time: |

Camin Cargo Control



LETTER OF PROTEST ° GON-10304

VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021

TO : Terminal

REFERENCE : Line Displacement

On Behalf of our Principals, we do hereby note the following Protest:

Terminal advised no Line Displacement to be performed due to Metered Shore Tank(s) for the movement

We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.

The signature below is for receipt only.

Respectfully,

| |
|-------------|
| Signature: |
| Print Name: |
| Position: |
| Date/Time: |

Camin Cargo Control



LETTER OF PROTEST ° GON-10304

VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
JOB COMPLETED : 26-FEB-2021

TO : Vessel

REFERENCE : VEF

On Behalf of our Principals, we do hereby note the following Protest:

- No qualifying VEF available due to insufficient number of voyages
- Towing company unable to provide sequential port log for the subject tow

We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.

The signature below is for receipt only.

Respectfully,

| |
|-------------|
| Signature: |
| Print Name: |
| Position: |
| Date/Time: |

Camin Cargo Control



CERTIFICATE OF ANALYSIS N° GON-10304

VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
REF. NO. : 5310230-10

| | | | | | | | |
|---|--|----------------|-------------------|---|--------------------|-----------|---|
| TK : | 02P | Running | After Load | ~ | Sample N° : | 3 | 26-FEB-2021 Sampled at 12:00 |
| Description : Kirby - 28168 : RVP | | | | | | | |
| D 5191 (1L) | DVPE (EPA) | | 5.76 psi | | | | |
| TK : | 2S | Running | After Load | ~ | Sample N° : | 10 | 26-FEB-2021 Sampled at 12:01 |
| Description : MMI - 3031 : RVP | | | | | | | |
| D 5191 (1L) | DVPE (EPA) | | 5.67 psi | | | | |
| | Volumetric Composite | | After Load | | Sample N° : | 13 | 26-FEB-2021 Sampled at 12:02 |
| Description : Kirby - 28168 & MMI - 3031 | | | | | | | |
| D 4176 (1) | Appearance | | Clear & Bright | | | | |
| D 86 | Distillation of Petroleum Products | | | | | | |
| | IBP | | 141.8 °F | | | | |
| | 10% | | 156.5 °F | | | | |
| | 50% | | 169.1 °F | | | | |
| | 90% | | 199.7 °F | | | | |
| | 95% | | 209.0 °F | | | | |
| | EP | | 244.4 °F | | | | |
| | Evaporation @ 200 °F | | 90.2 % | | | | |
| D 2699 | Octanes, RON | | 65 Rating | | | | |
| D 2700 | Octanes, MON | | 64 Rating | | | | |
| D 5769 | Aromatics by GC-MS | | 5.9 Vol. % | | | | |
| D 6550 | Olefins (Correlated to D1319) | | 3.6 Vol. % | | | | |
| D 3606 Proc B | Benzene (Correlated to D5769) | | 0.16 Vol. % | | | | |
| D 2622 | Sulfur | | <1.0 mg/kg(ppm) | | | | |
| D 5599 | Oxygenates by GC | | | | | | |
| | Methanol | | <0.10 Wt. % | | | | |
| | Ethanol | | <0.10 Wt. % | | | | |
| | i - Propanol | | <0.10 Wt. % | | | | |
| | t - Butanol | | <0.10 Wt. % | | | | |
| | n - Propanol | | <0.10 Wt. % | | | | |
| | MTBE | | <0.10 Wt. % | | | | |
| | s - Butanol | | <0.10 Wt. % | | | | |
| | DIPE | | <0.10 Wt. % | | | | |
| | i - Butanol | | <0.10 Wt. % | | | | |
| | ETBE | | <0.10 Wt. % | | | | |
| | t - Pentanol | | <0.10 Wt. % | | | | |
| | n - Butanol | | <0.10 Wt. % | | | | |
| | TAME | | <0.10 Wt. % | | | | |
| | Oxygenates | | <0.10 Vol. % | | | | |
| | Oxygen | | <0.1 Wt. % | | | | |
| D 130 | Copper Corrosion @ 122 °F/50°C (3 hrs) | | 1a | | | | |

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EXXM17-03 / 563733 / OK / R-1 / 7032008 / Generated: March 2, 2021

**CERTIFICATE OF ANALYSIS N° GON-10304**

VESSEL : Kirby - 28168 & MMI - 3031
LOCATION : ExxonMobil - Baton Rouge, LA
PRODUCT : RAFFINATE

MOVEMENT : Load
REF. NO. : 5310230-10

| Volumetric Composite | | After Load | Sample N° : 13 | 26-FEB-2021 Sampled at 12:02 |
|----------------------|--|---------------------------------------|----------------|------------------------------------|
| Description : | | Kirby - 28168 & MMI - 3031 | | |
| D 7671-A | Silver Corrosion @ 50°C/122°F (3 hrs) | 0 | | |
| D 381 | Gum, Solvent Unwashed | <0.5 mg/100mL | | |
| D 381 | Gum, Solvent Washed | <0.5 mg/100mL | | |
| D 3227 | Mercaptan Sulfur | <0.0003 Wt. % | | |
| D 525 | Oxidation Stability | >240 min | | |
| IP 377 | Metals - Ashing & Fusion (Scope: Al & Si) | | | |
| | Silicon | <1 mg/kg(ppm) | | |

The results apply to the samples as received and specifically to the items listed on this certificate.

Data contained in this report is confidential to the addressee and shall not be disclosed to any other party without their approval. This report may not be reproduced except in full without the written consent of the Camin Cargo Control.

Samples taken as per Standard Practice for Manual Sampling of Petroleum and Petroleum Products (ASTM D4057 / API MPMS Chapter 8.1) via a Closed System Sampler. Customer is advised that, due to its limitations, the samples may not fully represent the entire cargo.

All testing is performed on premises by Camin Cargo Control and in accordance to the latest referenced test method unless specifically stated otherwise.