

Attention of : ExxonMobil GMTO Biofuels Brussels

Analysis Report

Report number : 12003/00046679.1/L/21 Composite prep date : 24-03-2021

Main Object : AMARANT Place of sampling : Botlek Tank Terminal BV

 Report Date
 : 25-03-2021
 Date received
 : 24-03-2021

 Date of issue
 : 25-03-2021
 Date completed
 : 25-03-2021

 Sample object
 : AMARANT
 Sample number
 : 11361990

Sample type : Composite Sample submitted as : FAME

Marked : Vessel AMARANT multiple tank composite prepared from running samples ex P1 , P2 , P4 ,

P5, P7, P8, S1, S2, S4, S5, S7, S8 after loading

| NAME | METHOD | UNIT | SPECS | | RESULT |
|--|------------------|----------|-------|---------|---------------------|
| | | | Min | Max | |
| Appearance | Visual | - | | | Bright and Clear |
| FAME content | EN 14103 | mass % | 96.5 | | 98.3 |
| Density at 15 °C | ISO 12185 | kg/m³ | 860.0 | 900.0 | 882.7 |
| Kinematic Viscosity at 40°C | EN ISO 3104-2004 | mm²/s | 3.500 | 5.000 | 4.345 |
| Flash point (rapid equilibrium) | ISO 3679 | °C | 101 | | > 140 |
| Cetane Number | EN 15195 | - | 51.0 | | 52.8 |
| Copper Corrosion (3 hrs / 50 °C) | EN ISO 2160 | - | | Class 1 | 1A |
| Oxidation stability (110°C) | EN 14112 | hours | 8.0 | | > 11 |
| Acid Number | EN 14104 | mg KOH/g | | 0.50 | 0.37 |
| lodine value | EN 14111 | gI2/100g | | 120 | 103 |
| Linolenic acid methyl ester | EN 14103 | mass % | | 12.0 | 4.3 |
| Polyunsaturated methyl esters (>= 4 double bounds) | EN 15779 | mass % | | 1.0 | < 0.10 |
| Methanol | EN 14110 | mass % | | 0.20 | 0.04 |
| Glyceride content | EN 14105 | | | | |
| Mono-glyceride | | mass % | | 0.70 | 0.50 |
| Di-glyceride | | mass % | | 0.20 | 0.09 |
| Tri-glyceride | | mass % | | 0.20 | 0.04 |
| Free glycerol | | mass % | | 0.02 | < 0.010 |
| Total glycerol | | mass % | | 0.25 | 0.149 |
| Water Karl Fischer | EN ISO 12937 | mg/kg | | 500 | 340 |
| Total Contamination | EN 12662:1998 | mg/kg | | 24 | 23 |
| Sulphated ash | ISO 3987 | mass % | | 0.02 | < 0.005 |
| Sulphur (S) | EN ISO 20846 | mg/kg | | 10.0 | 9.3 |
| Group I metals (Na+K) | EN 14538 | mg/kg | | 5.0 | < 2.0 |
| Group II metals (Ca+Mg) | EN 14538 | mg/kg | | 5.0 | < 2.0 |
| Phosphorus content | EN 14107 | mg/kg | | 4.0 | < 4.0 |
| Cold Filter Plugging Point | EN 116 | °C | | 0 | 0 |
| Cloud Point | ASTM D 5771 | °C | | +5 | +5 |

All results in this report refer to the sample(s) tested as taken or submitted like specified in this Analysis report. Uncertainties, available on request, apply in the evaluation of the test results. All tests are conducted according to the latest version of the methods, unless another version is specifically indicated. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or concern, we refer to the interpretation of test results as defined in ASTM D3244, IP 367, ISO 4259 or GOST 33701. This report shall not be partially copied and reproduced without the written permission of the laboratory.



Attention of : ExxonMobil GMTO Biofuels Brussels

Analysis Report

Report number : 12003/00046679.1/L/21 Composite prep date : 24-03-2021

Main Object : AMARANT Place of sampling : Botlek Tank Terminal BV

Report Date : 25-03-2021 Date received : 24-03-2021 Date of issue : 25-03-2021 Date completed : 25-03-2021 Sample object : AMARANT Sample number : 11361990

Sample type : Composite Sample submitted as : FAME

: Vessel AMARANT multiple tank composite prepared from running samples ex P1 , P2 , P4 , P5 , P7 , P8 , S1 , S2 , S4 , S5 , S7 , S8 after loading Marked

| NAME | METHOD | UNIT | SPE | CS | RESULT |
|-------------------------|----------|--------|-----|------|--------|
| | | | Min | Max | |
| Saturated Ester content | EN 14103 | mass % | | 30.0 | 26.3 |

Signed by: Duncan Kikkert - Agri Team Lead Issued by: Saybolt Nederland BV

Place and date of issue: Rotterdam-Botlek - 25-03-2021

Print Date: 25-03-2021 13:58

Page 2 of 2

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France

ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel AMARANT Product FAME

Bill of Lading date: 24-Mar-2021 Contents page

Saybolt Nederland BV has performed a survey of the above mentioned object, the findings of the survey are reflected in the following reports:

| Contents pageoneTime LogoneSummary Loading (GSV)oneSample ReportoneShore Tank Report SinglethreeAdditional Objects ReportoneCertificate of QuantityoneTank Inspection ReportoneUllage Report Departureone | Title | Number of Pages |
|---|---------------------------|-----------------|
| Summary Loading (GSV) one Sample Report one Shore Tank Report Single three Additional Objects Report one Certificate of Quantity one Tank Inspection Report one | Contents page | one |
| Sample ReportoneShore Tank Report SinglethreeAdditional Objects ReportoneCertificate of QuantityoneTank Inspection Reportone | Time Log | one |
| Shore Tank Report Single three Additional Objects Report one Certificate of Quantity one Tank Inspection Report one | Summary Loading (GSV) | one |
| Additional Objects Report one Certificate of Quantity one Tank Inspection Report one | Sample Report | one |
| Certificate of Quantity one Tank Inspection Report one | Shore Tank Report Single | three |
| Tank Inspection Report one | Additional Objects Report | one |
| | Certificate of Quantity | one |
| Ullage Report Departure one | Tank Inspection Report | one |
| | Ullage Report Departure | one |
| Vessel Experience Report one | Vessel Experience Report | one |

This report consists of 12 pages.

A copy of this report and all field documents and related correspondence will be retained for a period of 10 years, unless local law requires otherwise

Handled by: Duncan Kikkert

This report reflects only the findings at the time and place of the inspection and testing. 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.

Saybolt Nederland B.V., P.O. Box 151, 3000 AD Rotterdam, The Netherlands Tel. +31 (0)10 46 09 911 FAX +31 (0)10 435 3600 Website: www.saybolt.com E-mail:saybolt@corelab.com All our activities are carried out under Saybolt's terms and conditions, available at www.corelab.com/saybolt/terms-conditions



Date: 24 Mar 2021 18:28

France

ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel AMARANT Product FAME

Bill of Lading date: 24-Mar-2021 Time Log

| ay) |
|---|
| End of Sea Passage |
| Notice of Readiness Tendered |
| Anchor Down |
| lay) |
| Anchor Up |
| Pilot on Board |
| First Line Ashore |
| Moored Alongside Berth (All Fast) |
| Gangway in Place |
| Saybolt onboard before Operation |
| Key Meeting |
| Commenced Initial Inspection |
| Hose / Arm Connected |
| Completed Initial Inspection, Tank(s) Inspected and Accepted |
| Notice of Readiness Received |
| COMMENCED LOADING from shoretank 205 |
| Suspended Loading |
| Completed First Foot Sampling |
| Analysis Results Released to Installation |
| Resumed Loading from shoretank 205 |
| Commenced adding additves |
| Completed adding additives |
| esday) |
| Completed loading from shore tank 205 |
| Interim measurements checked |
| Commenced loading from shoretank 303 |
| Completed loading from shore tank 303 |
| Interim measurements checked |
| Commenced loading from shore tank 305 |
| COMPLETED LOADING |
| Hose / Arm Disconnected |
| Saybolt onboard after Operation |
| Commenced Final Inspection |
| Completed Final Inspection and Calculations, Tank(s) Measured and Sampled |
| Object Sailed / Departed |
| |

Saybolt CORE LABORATORIES COMPAN

France

ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel AMARANT Product FAME

Bill of Lading date: 24-Mar-2021 Summary Loading (GSV)

Gross Standard Volume Data

| GSV Figures | Loaded excl OBQ | Bill of Lading | Δ Quantity | Δ% |
|-----------------|-----------------|----------------|------------|------|
| Liters 15°C | 5,964,686 | 5,959,412 | 5,274 | 0.09 |
| Metric Tons Vac | 5,265.028 | 5,260.179 | 4.849 | 0.09 |
| Metric Tons Air | 5,258.663 | 5,253.624 | 5.039 | 0.10 |

| GSV Figures (VEF Adjusted) | Loaded adjusted by VEF | Bill of Lading | Δ Quantity | Δ% |
|----------------------------|------------------------|----------------|------------|-------|
| Liters 15°C | 5,934,420 | 5,959,412 | -24,992 | -0.42 |

| | Density 15°C | Density 20°C | API 60°F | RD 60/60°F | S&W% |
|----------------|--------------|--------------|----------|------------|------|
| Vessel Loaded | 0.8827 | | 28.72 | 0.8832 | |
| Bill of Lading | 0.8827 | 0.8792 | 28.72 | 0.8832 | |

| General Data | |
|---|---------|
| Vessel Loaded Ratio | 1.00088 |
| Vessel Experience Factor Based on 2nd average | 1.0051 |



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ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel AMARANT Product FAME

Bill of Lading date: 24-Mar-2021 Sample Report

| Grade | Description | Sealed | Distribution | Amount | Volume |
|-------|---|-----------------|--------------|--------|-------------|
| FAME | Shore tank 305:Running from shore tank before loading | Open | Retain | 1 | 1 liters |
| FAME | Shore tank 303:Running from shore tank before loading | Open | Retain | 2 | 1 liters |
| FAME | Shore tank 303:Dead bottom from shore tank before loading | Open | Retain | 1 | 0.25 liters |
| FAME | Shore tank 205:Top, Middle, Clearance, Running from shore tank before loading | Open | Retain | 4 | 1 liters |
| FAME | Shore tank 205:Dead bottom from shore tank before loading | Open | Retain | 1 | 0.25 liters |
| FAME | Shoreline at jetty before loading | Open | Retain | 1 | 1 liters |
| FAME | TV AMARANT:Manifold from ships tanks before loading | Open | Retain | 1 | 1 liters |
| FAME | TV AMARANT:Foot from ships tanks during loading | Open | Retain | 1 | 1 liters |
| FAME | TV AMARANT:Running from ships tanks after loading | Open | Retain | 12 | 1 liters |
| FAME | TV AMARANT:Deck-composite from ships tanks after loading | 233920 & 233930 | Vessel | 2 | 1 liters |

Total Samples 26

| Information | | |
|---|--------------------------|--|
| Samples drawn by | Saybolt Inspector | |
| Shoretank sampling location | Top of tank | |
| Type / condition of sampling containers | Clean glass bottles/tins | |
| Loadport samples delivered by | Saybolt | |
| received by | Chieff Officer | |
| Loadport sample seal numbers | 233920 & 233930 | |

Remarks:

Samples retained by Saybolt will be held for 90 days (unless otherwise specified) at the end of which they shall be disposed of.

Saybolt Nederland B.V., P.O. Box 151, 3000 AD Rotterdam, The Netherlands
Tel. +31 (0)10 46 09 911 FAX +31 (0)10 435 3600
Website: www.saybolt.com E-mail:saybolt@corelab.com
All our activities are carried out under Saybolt's terms and conditions, available at www.corelab.com/saybolt/terms-conditions

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France

ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel AMARANT Product FAME

Bill of Lading date: 24-Mar-2021 Shore Tank Report Single

Shore tank 205 at Botlek Tank Terminal BV

| Shore tank measurement | | Open | Close |
|----------------------------|-------------|-------------------|-------------------|
| Date / Time of measurement | | 23 Mar 2021 08:56 | 24 Mar 2021 01:18 |
| Average Innage | m m | 28426 | 200 |
| Average temp. | °C | 21.76 | 20.92 |
| T.O.V. | Liters | 3,213,247 | 24,601 |
| G.O.V. | Liters | 3,213,247 | 24,601 |
| Dens 15°C | kg/l | 0.8852 | 0.8852 |
| V.C.F. | 54B | 0.99470 | 0.99530 |
| G.S.V. | liters 15°C | 3,196,217 | 24,485 |
| Dens 15°C | kg/l | 0.8852 | 0.8852 |
| Metric Tons Vac | | 2,829.291 | 21.675 |

| Totals | | | | GSV | NSV |
|---------------|--------------------------|-----------|-----------------|-----------|-----|
| T.O.V. | Liters | 3,188,646 | Liters 15°C | 3,171,732 | |
| G.O.V. | Liters | 3,188,646 | Metric Tons Vac | 2,807.616 | |
| | | | Metric Tons Air | 2,804.127 | |
| Density 15°C | kg/l | 0.8852 | | | |
| RD 60/60°F | | 0.8857 | S&W % | | |
| API 60°F | | 28.26 | | | |
| | | | | | |
| Average Temp. | °C | 21.77 | | | |
| | | | | | |
| Tables used: | 54B and Dens. 15°C kg/l. | | | | |



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ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel AMARANT Product FAME

Bill of Lading date: 24-Mar-2021 Shore Tank Report Single

Shore tank 303 at Botlek Tank Terminal BV

| Shore tank measurement | | Open | Close |
|----------------------------|-------------|-------------------|-------------------|
| Date / Time of measurement | | 24 Mar 2021 00:59 | 24 Mar 2021 07:32 |
| Average Innage | m m | 18011 | 11224 |
| Average temp. | °C | 30.57 | 30.44 |
| T.O.V. | Liters | 4,606,889 | 2,877,868 |
| G.O.V. | Liters | 4,606,889 | 2,877,868 |
| Dens 15°C | kg/l | 0.8798 | 0.8798 |
| V.C.F. | 54B | 0.98760 | 0.98770 |
| G.S.V. | liters 15°C | 4,549,763 | 2,842,470 |
| Dens 15°C | kg/l | 0.8798 | 0.8798 |
| Metric Tons Vac | | 4,002.882 | 2,500.806 |

| Totals | | | | GSV | NSV |
|---------------|--------------------------|-----------|-----------------|-----------|-----|
| T.O.V. | Liters | 1,729,021 | Liters 15°C | 1,707,293 | |
| G.O.V. | Liters | 1,729,021 | Metric Tons Vac | 1,502.076 | |
| | | | Metric Tons Air | 1,500.198 | |
| Density 15°C | kg/l | 0.8798 | | | |
| RD 60/60°F | | 0.8803 | S&W % | | |
| API 60°F | | 29.24 | | | |
| | | | | | |
| Average Temp. | °C | 30.79 | | | |
| | | | | | |
| Tables used: | 54B and Dens. 15°C kg/l. | | | | |



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ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel AMARANT Product FAME

Bill of Lading date: 24-Mar-2021 Shore Tank Report Single

Shore tank 305 at Botlek Tank Terminal BV

| Shore tank measurement | | Open | Close |
|----------------------------|-------------|-------------------|-------------------|
| Date / Time of measurement | | 23 Mar 2021 08:56 | 24 Mar 2021 11:24 |
| Average Innage | m m | 19118 | 14870 |
| Average temp. | °C | 19.99 | 20.37 |
| T.O.V. | Liters | 4,869,006 | 3,787,737 |
| G.O.V. | Liters | 4,869,006 | 3,787,737 |
| Dens 15°C | kg/l | 0.8797 | 0.8797 |
| V.C.F. | 54B | 0.99600 | 0.99570 |
| G.S.V. | liters 15°C | 4,849,530 | 3,771,450 |
| Dens 15°C | kg/l | 0.8797 | 0.8797 |
| Metric Tons Vac | | 4,266.131 | 3,317.744 |

| Totals | | | | GSV | NSV |
|---------------|--------------------------|-----------|-----------------|-----------|-----|
| T.O.V. | Liters | 1,081,269 | Liters 15°C | 1,078,080 | |
| G.O.V. | Liters | 1,081,269 | Metric Tons Vac | 948.387 | |
| | | | Metric Tons Air | 947.201 | |
| Density 15°C | kg/l | 0.8797 | | | |
| RD 60/60°F | | 0.8802 | S&W % | | |
| API 60°F | | 29.26 | | | |
| | | | | | |
| Average Temp. | °C | 18.66 | | | |
| | | | | | |
| Tables used: | 54B and Dens. 15°C kg/l. | | | | |



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ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel AMARANT Product FAME

Bill of Lading date: 24-Mar-2021

Additional Objects Report

&

| Object | Additived |
|-----------------|-----------|
| GSV Liters 15°C | 2,307 |
| Metric Tons Vac | 2.100 |
| Dens.15°C Vac | 0.9103 |
| GSV Liters 15°C | 2,307 |
| Metric Tons Vac | 2.100 |
| Metric Tons Air | 2.098 |

Tables used: Dens. 15°C, kg/l

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France

ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel **AMARANT Product FAME**

Metric Tons Air to Long Tons

Bill of Lading date: 24 Mar 2021 **Certificate of Quantity**

The undersigned Independent Saybolt Surveyor herewith declares that the quantity of product loaded by the above mentioned object amounts to:

| | Gross | |
|--------------------|--|---|
| | 5,959,412 | |
| | 5,260.179 | |
| | 5,253.624 | |
| re tanks. | | |
| | 0.8827 | |
| | 0.8792 | |
| | 28.72 | |
| | 0.8832 | |
| | | |
| MPMS 11.5.3 - 4.25 | | 6.292579507 |
| MPMS 11.5.3 - 4.24 | | 0.2642883392 |
| MPMS 11.5.3 - 4.5 | | 0.9987911316 |
| | MPMS 11.5.3 - 4.25 MPMS 11.5.3 - 4.24 | 5,959,412 5,260.179 5,253.624 re tanks. 0.8827 0.8792 28.72 0.8832 MPMS 11.5.3 - 4.25 MPMS 11.5.3 - 4.24 |

MPMS 11.5 - Annex D

Signed by: Saybolt representative

Name:

Rank: Saybolt Inspector



0.9842065

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ExxonMobil GMTO Biofuels Brussels

12003/00046679.0000/01/I/21 Job No

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel **AMARANT Product FAME**

Bill of Lading date: 24-Mar-2021 **Tank Inspection Report**

Information supplied by ship's officers or ship's log cannot be guaranteed as accurate and no liability can be assumed for errors that result from

improper information supplied. The responsibility for such information must rest with the ship and her officers.

| Date of Inspection: | 23 Mar 2021 |
|---|----------------------|
| Time of Inspection: | 15:50 |
| Last cargo | FAME |
| Second last cargo | FAME |
| Third last cargo | Gasoil |
| Method said to be used to clean tanks | Drained and stripped |
| Method said to be used to clean line system | |
| Are any tanks coated | Yes |
| Which tanks and type of coating | All Epoxy |

This is to advise that on the above date we carried out a visual inspection from deck-level of the following tanks: P1, S1, P2, S2, P4, S4, P5, S5, P7, S7, P8, S8

From such visual inspection, and from information as supplied by ship's officers, we consider that said tanks are substantially Suitable to load the nominated cargo

Whilst every effort has been made to comply with tank inspection instructions we can not be held responsible for those areas beyond visual inspection (such as pumps, lines, closed or restricted sample system) and/or the effectiveness of advised tank cleaning methods.

Sea-valves sealed and numbered:

Signed by: Ship's representative

Name: Grin

Rank: Chief Officer

Saybolt representative

Saybolt Inspector

France

ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel **AMARANT Product FAME**

Bill of Lading date: 24-Mar-2021 **Ullage Report Departure** 0.8827 Survey Date and Time 24 Mar 2021 14:37 Dens.15°C Vac

| Tank | ullage | ullage corr TO | OV Free | water | GOV | Temp | VCF table | GSV |
|--------|--------|----------------|---------|--------|-----------|-------|-----------|-------------|
| | mm | mm Lite | rs mm | Liters | Liters | °C | 54B | Liters 15°C |
| P1 | 1315 | 454,9 | 15 | | 454,915 | 22.40 | 0.99414 | 452,249 |
| S1 | 1405 | 451,1 | 60 | | 451,160 | 22.60 | 0.99398 | 448,444 |
| P2 | 1692 | 545,5 | 46 | | 545,546 | 22.50 | 0.99406 | 542,305 |
| S2 | 1597 | 548,5 | 23 | | 548,523 | 22.80 | 0.99382 | 545,133 |
| P4 | 1353 | 446,9 | 40 | | 446,940 | 22.80 | 0.99382 | 444,178 |
| S4 | 1423 | 444,5 | 17 | | 444,517 | 23.00 | 0.99366 | 441,699 |
| P5 | 1607 | 584,9 | 39 | | 584,989 | 22.80 | 0.99382 | 581,374 |
| S5 | 1607 | 581,3 | 30 | | 581,330 | 23.00 | 0.99366 | 577,644 |
| P7 | 1478 | 587,6 | 36 | | 587,686 | 22.60 | 0.99398 | 584,148 |
| S7 | 1493 | 584,8 | 91 | | 584,891 | 22.70 | 0.99390 | 581,323 |
| P8 | 3994 | 383,1 | 38 | | 383,138 | 22.50 | 0.99406 | 380,862 |
| S8 | 3949 | 387,7 | 23 | | 387,723 | 22.80 | 0.99382 | 385,327 |
| Totals | | 6 001 3 | 58 | | 6 001 358 | | | 5 964 686 |

Summary Totals

| On-board figures | OBQ Information | Draft | | Correction | | |
|------------------|-----------------|-------|---|------------|---|------|
| GSV Liters 15°C | 5,964,686 | FORE | m | 5.80 TRIM | m | 0.50 |
| TCV Liters 15°C | 5,964,686 | AFT | m | 6.30 LIST | ۰ | Nil |

| On-board figures | Loaded figures | | |
|------------------|--------------------------------|-----------------------------------|-------|
| GSV Liters 15°C | 5,964,686 GSV Loaded Ltrs 15°C | 5,964,686 Average Product Temp °C | 22.71 |
| MT vac | 5,265.028 MT Vac Loaded | 5,265.028 | |
| MT air | 5,258.663 MT Air Loaded | 5,258.663 | |

Signed by: Ship's representative

Name: Grin

Rank: Chief Officer

Saybolt representative

M awad

Saybolt Inspector

Date: 24 Mar 2021 18:28 Page 11 of 12

France

ExxonMobil GMTO Biofuels Brussels

Job No 12003/00046679.0000/01/I/21

Report date 24 Mar 2021

Installation Rotterdam, Netherlands, Botlek Tank Terminal BV

Vessel **AMARANT Product FAME**

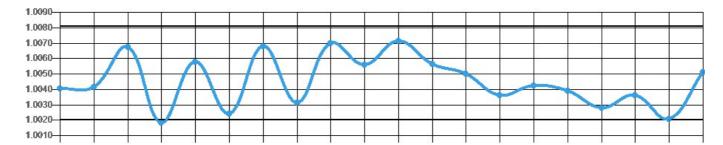
Bill of Lading date: 24-Mar-2021

Vessel Experience Report

| | Voyage number | Grade | Port | Date | Ship's Sailing | OBQ | B/L | L Difference VLR SI | | | |
|-------|-------------------------|---------------------------|----------------|-------------|----------------------|-------------|----------------------|---------------------|--------------------|-----|--|
| | | | | | Metric Tons | Metric Tons | Metric Tons | Metric Tons | Shore | | |
| last | 1 | FAME | Rotterdam | 15 Mar 2021 | 5,019.879 | | 4,999.595 | 20.284 | 1.00406 | yes | |
| 2nd | 2 | FAME | Klaipeda | 08 Mar 2021 | 5,491.547 | | 5,468.905 | 22.642 | 1.00414 | yes | |
| 3rd | 3 | Gasoil | Brofjorden | 05 Mar 2021 | 4,785.611 | | 4,753.619 | 31.992 | 1.00673 | yes | |
| 4th | 4 | Gasoil | Göteborg | 04 Mar 2021 | 1,432.705 | | 1,430.100 | 2.605 | 1.00182 | yes | |
| 5th | 5 | Gasoil | Göteborg | 01 Mar 2021 | 6,399.357 | | 6,362.800 | 36.557 | 1.00575 | yes | |
| 6th | 6 | FAME | Rotterdam | 15 Feb 2021 | 5,014.093 | - | 5,005.380 | 8.713 | 1.00174 | no | |
| 7th | 1 | Methanol/mtbe | Rotterdam | 11 Feb 2021 | 5,832.581 | | 5,818.574 | 14.007 | 1.00241 | yes | |
| 8th | 2 | Base Oil | Hamburg | 03 Feb 2021 | 5,169.072 | | 5,134.312 | 34.760 | 1.00677 | yes | |
| 9th | 3 | Gasoil | Göteborg | 22 Jan 2021 | 1,555.868 | | 1,551.000 | 4.868 | 1.00314 | yes | |
| 10th | 4 | Gasoil | Brofjörden | 21 Jan 2021 | 4,758.793 | | 4,725.900 | 32.893 | 1.00696 | yes | |
| 11th | 5 | Ethanol | Norrköping | 16 Jan 2021 | 4,102.034 | | 4,079.305 | 22.729 | 1.00557 | yes | |
| 12th | 6 | Gasoil | Brofjörden | 09 Jan 2021 | 6,387.745 | | 6,342.500 | 45.245 | 1.00713 | yes | |
| 13th | 7 | Hexate | Brofjörden | 02 Jan 2021 | 4,164.560 | | 4,141.273 | 23.287 | 1.00562 | yes | |
| 14th | 8 | Gasoil | Göteborg | 28 Dec 2020 | 4,270.822 | | 4,249.639 | 21.183 | 1.00498 | yes | |
| 15th | 9 | Gas Oil | Brofjörden | 27 Dec 2020 | 6,517.005 | - | 6,455.800 | 61.205 | 1.00948 | no | |
| 16th | 10 | Ethanol | Tees | 20 Dec 2020 | 4,986.784 | | 4,968.802 | 17.982 | 1.00362 | yes | |
| 17th | 52/20 | Gasoil | Amsterdam | 10 Dec 2020 | 6,224.812 | | 6,198.550 | 26.262 | 1.00424 | yes | |
| 18th | 51/20 | BIO VLSFO | Rotterdam | 05 Dec 2020 | 2,480.204 | - | 2,477.300 | 2.904 | 1.00117 | no | |
| 19th | 50/20 | Base Oil | Le Havre | 30 Nov 2020 | 2,042.961 | | 2,035.073 | 7.888 | 1.00388 | yes | |
| 20th | 49/20 | FAME | Rotterdam | 22 Nov 2020 | 5,000.290 | - | 5,001.945 | -1.655 | 0.99967 | no | |
| Total | s | | | | | | | | | | |
| | | | Totals | | 91,636.723 | | 91,200.372 | | | | |
| | | | Qualifying Tot | tals | 72,625.131 | | 72,259.947 | | | | |
| First | average (Total Ship/1 | Total Shore) | | | | 1.00478 | | | | | |
| + 0.3 | % of first average (exc | cl. gross errors) | | | | 1.00779 | - 0.3% 1.0 | 00177 | | | |
| Seco | nd average (Qualifyi | ng Total Ship/ Qualifying | Total Shore) | | | 1.00505 | | | | | |
| + 0.3 | % of second average | 1 | | | | 1.00807 | - 0.3% 1. | 00203 | | | |
| Ves | sel Experienc | e Factor based o | n second aver | age | | 1.0051 | | | | | |
| | | | | _ | | | | | | | |

The above mentioned quantities are for the last 20 voyages obtained from ship record and can not be guaranteed as accurate by Saybolt. No liability can be assumed for errors resulting from improper information supplied by the vessel.

The resulting VEF has been calculated in accordance with the latest method published by the Energy Institute and the API as API MPMS 17.9 / Energy Institute HM 49, unless as otherwise noted and with the agreement of interested parties.



Voyages excluded:

- A Gross error voyages
- B. Voyages where only vessel tank measurements were available.
- C. All voyages prior to any changes to measurement equipment, tables, vessel's structure, or other changes requiring the issuance of new capacity tables

Signed by: Ship's representative

Name: Grin

Rank: Chief Officer

Saybolt representative

J Delwel

Saybolt Inspector