

EXXONMOBIL CHEMICAL CO
22777 Springwoods Village Parkway
77389 Spring
United States
Mr. M. Przysiada Zem
USEVESSCHE-2104-113 /5380105



Job No 13074/00002273.0000/01/I/21
Report date 07 May 2021
Installation Houston, United States of America, Vopak Terminal Deer Park

Vessel STOLT AGUILA

Product MEK

Bill of Lading date: 07-May-2021

Contents page

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

Title	Number of Pages
Contents page	one
Summary Loading	one
Time Log	one
Certificate of Quantity	one
Shore Tank Report Single	one
Ullage Report Arrival	one
Ullage Report Departure	one
Letter of Protest	one
Sample Report	one
Sample Receipt	one
Reference Height and Measurement data report	one

This report consists of 11 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: Cecil Fowler

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.

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Summary Loading

Volume and Weight Data

GSV Figures	Loaded excl OBQ	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	188,561	186,805	1,756	0.94
Cu m 15°C	188.561	186.805	1.756	0.94
Cu m 60°F	188.629	186.872	1.757	0.94
Barrels 60°F	1,186.44	1,175.39	11.05	0.94
Gallons 60°F	49,830.40	49,366.46	463.94	0.94
Metric Tons Air	152.591	151.170	1.421	0.94
Kilos Air	152,591	151,170	1,421	0.94
Long Tons Air	150.181	148.783	1.398	0.94
Short Tons Air	168.203	166.637	1.566	0.94
Pounds Air	336,405	333,273	3,132	0.94

	Dens 15°C Vac	API 60°F	RD 60/60°F
Vessel Loaded		43.01	0.8108
Bill of Lading			

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Time Log

28 Apr 2021 (Wednesday)	
05:00	End of Sea Passage
05 May 2021 (Wednesday)	
14:45	Notice of Readiness Tendered
06 May 2021 (Thursday)	
11:35	Pilot on Board
14:25	Notice of Readiness Received
15:17	First Line Ashore
15:43	Moored Alongside Berth (All Fast)
15:46	Gangway in Place
16:15	Saybolt onboard before Operation
16:20	Key Meeting
16:40	Commenced Initial Inspection
17:00	Completed Initial Inspection, Tank(s) Inspected and Accepted
18:10	Hose / Arm Connected
19:30	Commenced Popping Lines
19:50	Completed Popping Lines
20:00	Manifold sampled
20:30	Manifold sample approved
20:50	Pumpstack sampled
21:45	COMMENCED LOADING
22:00	Suspended Loading for First Foot Sampling
22:30	Commenced First Foot Sampling
22:35	Completed First Foot Sampling
23:45	Resumed Loading
07 May 2021 (Friday)	
00:30	Saybolt onboard after Operation
00:30	COMPLETED LOADING
00:45	Commenced Final Inspection
00:55	Completed Final Inspection and Calculations, Tank(s) Measured and Sampled
01:00	Documents on Board
02:15	Hose / Arm Disconnected
03:00	Object Sailed / Departed

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Certificate of Quantity

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

Liters 15°C	186,805
Cubic meters 15°C	186.805
Cubic meters 60°F	186.872
Barrels 60°F	1,175.39
Gallons 60°F	49,366.46
Metric Tons air	151.170
Kilos air	151,170
Long Tons	148.783
Short Tons	166.637
Pounds	333,273

These quantities have been determined by Shore tank measurements.

Criteria used

Gallons 60°F to Barrels 60°F	ASTM Table 1	0.02380952
Metric Tons Air to Metric Tons Vac	MPMS 11.5.3 - 4.5	0.999837985
Pounds to Metric Tons Air	MPMS 11.5 - Annex D	0.45359237
Pounds to Long Tons	MPMS 11.5 - Annex D	2,240
Pounds to Short Tons	MPMS 11.5 - Annex D	2,000

Signed by: Saybolt representative

Name:

Rank: Saybolt Inspector

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Shore Tank Report Single

Shore tank 522 at Vopak Terminal Deer Park

Shore tank measurement		Open	Close
Date / Time of measurement		06 May 2021 12:30	07 May 2021 00:35
Average Ullage	FT/IN	42-9-7/16	44-8-1/4
Average temp.	°F	78.6	78.6
T.O.V.	Gallons	210,665.00	160,609.00
Water	FT/IN	0-0-0	
Ambient temp.	°F	76.00	76.00
G.O.V.	Gallons	210,665.00	160,609.00
Pounds per Gallon		6.658	6.658
Pounds		1,402,608	1,069,335

Totals			Volume		Mass/Weight	
T.O.V.	Gallons	50,056.00	Liters 15°C	186,805	Metric Tons Air	151.170
G.O.V.	Gallons	50,056.00	Cu m 15°C	186.805	Kilos Air	151,170
			Cu m 60°C	186.872	Long Tons Air	148.783
Pounds per Gallons	6.751		Barrels 60°F	1,175.39	Short Tons Air	166.637
60°F			Gallons 60°F	49,366.46	Pounds	333,273

Delivered temp. °F 78.6

Tables used Table source: Pounds per gallon

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Ullage Report Arrival

Survey Date and Time 06 May 2021 17:00

RD 60/60°F

Tank	ullage m	ullage corr m	TOV Gallons	m	Free water Gallons	GOV Gallons	Temp °F	Pounds per Gallon	Pounds
7P	NIL	11.300		NIL					
Totals									

Summary Totals

On-board figures	Pre-loaded parcel	Draft	Correction	
TOV Gallons		FORE m	5.40 TRIM m	1.05
Free water		AFT m	6.45 LIST °	
GOV Gallons		Trim/List correction applied:		

On-board figures

Sea Water temp °F	75
Ambient temp °F	80
Calcs. based on: WCF Table: Pounds per gallon (at actual temp)	

Equipment used

Gauge Equipment Type	Saybolt equipment	Temperature Equipment Type	Saybolt equipment
Gauge Equipment Used	UTI	Temperature Equipment Used	UTI
Gauge Equipment number	G14819	Temperature Equipment number	G14819

Signed by: Ship's representative

Name:

Rank:

Saybolt representative

Henry Martinez

Saybolt Inspector

Measurements in accordance with API standards.

Saybolt LP, 201 Deerwood Glen Dr, 77536 Deer Park, TX, USA
Tel. 281-478-1300 FAX
Website: E-mail: samantha.campbell@corelab.com

Date: 07 May 2021 11:47
Page 6 of 11

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Survey Date and Time

Ullage Report Departure

RD 60/60°F

0.8108

Tank	ullage m	ullage corr m	TOV Gallons	m	Free water Gallons	GOV Gallons	Temp °F	Pounds per Gallon	Pounds
7P	5.362	5.360	50,428.00	NIL		50,428.00	76.60	6.671	336,405
Totals			50,428.00			50,428.00			336,405

Summary Totals

On-board figures			Draft		Correction		
TOV Gallons	50,428.00		FORE	m	5.58 TRIM	m	1.31
Free water			AFT	m	6.89 LIST	°	
GOV Gallons	50,428.00		Trim/List correction applied:				

On-board figures		Loaded figures			
Liters 15°C	188,561	Liters 15°C loaded	188,561	Average Product Temp °F	76.6
Cu m 15°C	188.561	Cu m 15°C loaded	188.561	Sea Water temp	68
Cu m 60°F	188.629	Cu m 60°F loaded	188.629	Ambient temp	76
Barrels 60°F	1,186.44	Barrels 60°F loaded	1,186.44	Calcs. based on: WCF Table: Pounds per gallon (at actual temp)	
Gallons 60°F	49,830.40	Gallons 60°F loaded	49,830.40		
Metric Tons Air	152.591	Metric Tons Air loaded	152.591		
Kilos Air	152,591	Kilos Air loaded	152,591		
Long Tons Air	150.181	Long Tons Air loaded	150.181		
Short Tons Air	168.203	Short Tons Air loaded	168.203		
Pounds Air	336,405	Pounds Air loaded	336,405		

Equipment used			
Gauge Equipment Type	Saybolt equipment	Temperature Equipment Type	Saybolt equipment
Gauge Equipment Used	UTI	Temperature Equipment Used	UTI
Gauge Equipment number	G14819	Temperature Equipment number	G14819

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
JO CAMPBELL
Saybolt Inspector

Measurements in accordance with API standards.

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Page 7 of 11

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Letter of Protest

Dear Sirs,

This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients do hereby lodge protest in respect of:

Difference shore to vessel difference is as follows:

Shore delivered : 1,175.39 GSV BBLs

Vessel received : 1,186.44 GSV BBLs

Difference : 11.05 GSV BBLs

Percentage : 0.94%

Furthermore, on behalf of our client, we reserve the right to refer to this matter at a later date.

Signature of this document is acknowledged of receipt only and not an admission of responsibility for the incident.

Signed by: Ship's representative

Name:

Rank:

Shore representative

Operations

Loading Master

Saybolt representative

JO CAMPBELL

Saybolt Inspector

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Sample Report

Grade	Description	Sealed	Distribution	Amount	Volume
MEK	Shore tank 522:Running from shore tank before loading	Open	Retain	2	1 quarts
MEK	End of shoreline at jetty before loading	Open	Lab	1	1 quarts
MEK	TV STOLT AGUILA:Manifold at loading arm before loading	Open	Lab	1	1 quarts
MEK	TV STOLT AGUILA:Pumpstack from each compartment before loading	Open	Lab	1	1 quarts
MEK	TV STOLT AGUILA:Foot from ships tanks during loading	Open	Lab	1	1 quarts
MEK	TV STOLT AGUILA:Running from ships tanks after loading	Open	Lab	3	1 quarts
MEK	TV STOLT AGUILA:Running from ships tanks after loading		Vessel	1	1 quarts
MEK	TV STOLT AGUILA:Running from ships tanks after loading		Vessel	1	1 quarts
Total Samples				11	

Vessel's samples were taken using vessel's closed sampling system.

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 Inspector
received by	Vessel

Remarks:

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

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Sample Receipt

I, undersigned representative of the above object hereby acknowledge receipt of samples as specified below. These samples have been delivered to me by the undersigned Saybolt Inspector.

Sample description	Saybolt Seal number(s)
Vessel Tank 7P Running After Loading	770758
Vessel Tank 7P Running After Loading	770589

Signed by:
Name:
Rank:

Saybolt representative
JO CAMPBELL
Saybolt Inspector

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Reference Height and Measurement data report

Manual Tank Heights

Tank	Calibrated Reference Height in m	Found Reference Height in m Before	After	Gauging Location
7P	11.300		11.300	Center

* Tanks where full sounding depth could not be reached due to obstructions or tank contours.

Draft	Before	After
FWD	m 5.40	m 5.58
AFT	m 6.45	m 6.89

Measurement data Before Operations

Survey Date and Time	06 May 2021 17:00	Gauge equipment type	Saybolt equipment
Water Measurement Method	Paste - Kolor Kut, McCabe	Gauge equipment used	UTI
Connector Type	Hermetic	Gauge equipment number	G14819
Weather Condition	Clear Sky	Temp equipment type	Saybolt equipment
Sea Condition	Smooth (wavelets) - 0.1 to 0.5 m (3.9 in to 1 ft 7.7 in)	Temp equipment used	UTI
		Temp equipment number	G14819

Measurement data After Operations

Connector Type	UTI	Gauge equipment type	Saybolt equipment
Weather Condition	Clear Sky	Gauge equipment used	UTI
Sea Condition	Calm (rippled) - 0 to 0.1 m (0.00 to 0.33 ft)	Gauge equipment number	G14819
		Temp equipment type	Saybolt equipment
		Temp equipment used	UTI
		Temp equipment number	G14819

Signed by: Ship's representative

Name:

Rank:

Saybolt representative

JO CAMPBELL

Saybolt Inspector

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Page 11 of 11