

ESSO ITALIANA S.R.L.
VIALE CASTELLO DELLA MAGLIANA 25
00148 ROME
Italy
Mr. E. Tamosaityte
ITEVESSFIN-2010-0007



Job No 10802/00013282.0000/01/I/20
Report date 12 Oct 2020
Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Contents page

Saybolt Italia s.r.l. has performed a survey of the above mentioned object, the findings of the survey are reflected in the following reports:

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This report consists of 26 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: Senaglia Carlo

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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Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Time Log

10 Oct 2020 (Saturday)	
08:42	Notice of Readiness Tendered
08:42	End of Sea Passage
09:12	Anchor Up
20:00	Pilot on Board
20:06	Anchor Down
20:18	First Line Ashore
20:48	Moored Alongside Berth (All Fast)
21:00	Gangway in Place
21:00	Saybolt onboard before Operation
22:30	Key Meeting
22:30	Commenced Initial Inspection
23:00	Hose / Arm Connected (Mogas 95)
23:00	Hose / Arm Connected (ULSD)
23:30	Completed Initial Inspection, Tank(s) Inspected and Accepted
11 Oct 2020 (Sunday)	
00:06	COMMENCED LOADING (ULSD)
00:30	COMMENCED LOADING (Mogas 95)
13:18	COMPLETED LOADING (Mogas 95)
12 Oct 2020 (Monday)	
05:00	Saybolt onboard after Operation
05:42	COMPLETED LOADING (ULSD)
05:42	Delay: Awaiting Loading Master on board (2 hours and 30 minutes)
06:30	Hose / Arm Disconnected (ULSD)
06:30	Hose / Arm Disconnected (Mogas 95)
08:12	Commenced Final Inspection
09:30	Completed Final Inspection and Calculations, Tank(s) Measured and Sampled

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Vessel VULCANO M
Product Mogas 95

Bill of Lading date: 11-Oct-2020

Summary Loading (GSV)

Gross Standard Volume Data

GSV Figures	Loaded excl OBQ	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	4,607,380	4,581,380	26,000	0.57
Cu m 15°C	4,607.380	4,581.380	26.000	0.57
Barrels 60°F	28,999	28,835	164	0.57
Metric Tons Vac	3,410.713	3,391.705	19.008	0.56
Metric Tons Air	3,405.775	3,386.678	19.097	0.56
Long Tons Air	3,351.98	3,333.19	18.79	0.56

GSV Figures (VEF Adjusted)	Loaded adjusted by VEF	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	4,592,683	4,581,380	11,303	0.25
Barrels 60°F	28,906	28,835	71	0.25

	Density 15°C	Density 20°C	API 60°F	RD 60/60°F	S&W%
Vessel Loaded	0.7403		59.58	0.7405	
Bill of Lading	0.7403	0.7358	59.58	0.7405	

General Data

Vessel Loaded Ratio	1.00568
Vessel Experience Factor Based on 2nd average	1.0032

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Vessel VULCANO M
Product ULSD

Bill of Lading date: 11-Oct-2020

Summary Loading (GSV)

Gross Standard Volume Data

GSV Figures	Loaded excl OBQ	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	18,881,393	18,830,636	50,757	0.27
Cu m 15°C	18,881.393	18,830.636	50.757	0.27
Barrels 60°F	118,821	118,501	320	0.27
Metric Tons Vac	15,707.838	15,664.904	42.934	0.27
Metric Tons Air	15,686.661	15,643.785	42.876	0.27
Long Tons Air	15,438.91	15,396.71	42.20	0.27

GSV Figures (VEF Adjusted)	Loaded adjusted by VEF	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	18,821,165	18,830,636	-9,471	-0.05
Barrels 60°F	118,442	118,501	-59	-0.05

	Density 15°C	Density 20°C	API 60°F	RD 60/60°F	S&W%
Vessel Loaded	0.8319		38.51	0.8323	
Bill of Lading	0.8319	0.8283	38.51	0.8323	

General Data

Vessel Loaded Ratio	1.00270
Vessel Experience Factor Based on 2nd average	1.0032

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Vessel VULCANO M
Product Mogas 95

Bill of Lading date: 11-Oct-2020

Sample Report

Grade	Description	Sealed	Distribution	Amount	Volume
Mogas 95	Singletank field composite ex Shoretank N.417 before loading	230625	Sonatrach Store 1		5 liters
Mogas 95	Spot sample ex shoreline on start loading	247815	Sonatrach Store 1		1 liters
Mogas 95	Shoreline content sample	253134	Sonatrach Store 1		1 liters
Mogas 95	Composite spot sample ex shoreline during loading	230279	Sonatrach Store 1		1 liters
Mogas 95	Composite spot sample ex shoreline during loading	230932	Sonatrach Store 1		1 liters
Mogas 95	First foot composite sample	247940	Sonatrach Store 1		1 liters
Mogas 95	Deck tank composite ex tankvessel after loading	230249	Sonatrach Store 1		1 liters
Mogas 95	Singletank field composite ex C.O.T. after loading	Saylta	Sonatrach Store 4		0.5 liters
Mogas 95	Singletank field composite ex Shoretank N.438 before loading	247841	Sonatrach Store 1		5 liters
Total Samples				12	

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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Vessel VULCANO M
Product ULSD

Bill of Lading date: 11-Oct-2020

Sample Report

Grade	Description	Sealed	Distribution	Amount	Volume
ULSD	Singletank field composite ex Shoretank N.733 before loading	253369	Sonatrach Store 1		5 liters
ULSD	Singletank field composite ex Shoretank N.758 before loading	230856	Sonatrach Store 1		5 liters
ULSD	Spot sample ex shoreline on start loading	247734	Sonatrach Store 1		1 liters
ULSD	Shoreline content sample	247511	Sonatrach Store 1		1 liters
ULSD	Composite spot sample ex shoreline during loading	230377	Sonatrach Store 1		1 liters
ULSD	Composite spot sample ex shoreline during loading	230132	Sonatrach Store 1		1 liters
ULSD	First foot composite sample	253906	Sonatrach Store 1		1 liters
ULSD	Deck tank composite ex tankvessel after loading	230265	Sonatrach Store 1		1 liters
ULSD	Singletank field composite ex C.O.T. after loading	Saylta	Sonatrach Store 10		0.5 liters
Total Samples				18	

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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Vessel VULCANO M
Product Mogas 95

Bill of Lading date: 11-Oct-2020

Meter Report Compensated

Meter No.	10147	10147.
Close Meter Reading	69,927,310	72,922,500
Open Meter Reading	68,341,120	69,927,310

Quantities

GSV Liters 15°C	1,586,190	2,995,190
Dens.15°C	0.7383	0.7414
WCF WCF Table 56	0.7372	0.7403
Metric Tons Air	1,169.339	2,217.339

Meter Data

Meter Factor	1	1
Last calibration date		
Date of last meter prover report		
Meter information as received from installation: calculation base		

Grand Totals

GSV Liters 15°C	4,581,380
Average Dens.15°C delivered	0.7403
Gross Metric Tons Air	3,386.678

Remarks

- 1) Last Calibration Date (Information not provided by the Terminal)
- 2) Last Proving Report Date (Information not provided by the Terminal)
- 3) Please Note That all Cont Meter are under Custom Control

Net calculation via S&W% (API MPMS 12.1)

Tables used: Tables used: 54B and W.C.F. Table 56.

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Product ULSD

Bill of Lading date: 11-Oct-2020

Meter Report Compensated

Meter No.	1880	1881	1880.	1881.
Close Meter Reading	66,707,277	98,570,211	70,966,626	102,106,877
Open Meter Reading	61,148,785	93,094,082	66,707,277	98,570,211

Quantities

GSV Liters 15°C	5,558,492	5,476,129	4,259,349	3,536,666
Dens. 15°C	0.8312	0.8312	0.8328	0.8328
WCF WCF Table 56	0.8301	0.8301	0.8317	0.8317
Metric Tons Air	4,614.104	4,545.735	3,542.501	2,941.445

Meter Data

Meter Factor	1	1	1	1
Last calibration date				
Date of last meter prover report				
Meter information as received from installation: calculation base				

Grand Totals

GSV Liters 15°C	18,830,636
Average Dens. 15°C delivered	0.8319
Gross Metric Tons Air	15,643.785

Remarks

- 1) Last Calibration Date (Information not provided by the Terminal)
- 2) Last Proving Report Date (Information not provided by the Terminal)
- 3) Please Note That all Cont Meter are under Custom Control

Net calculation via S&W% (API MPMS 12.1)

Tables used: Tables used: 54B and W.C.F. Table 56.

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Vessel VULCANO M
Product Mogas 95

Bill of Lading date: 11 Oct 2020

Certificate of Quantity

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

	Gross	Net
Liters 15°C	4,581,380	4,581,380
Cubic meters 15°C	4,581.380	4,581.380
Barrels 60°F	*	28,835
Metric Tons vac	*	3,391.705
Metric Tons air		3,386.678
Long Tons	*	3,333.19

** as calculated by Saybolt only.*

These quantities have been determined by metering.

B/L Dens. 15°C Vac	0.7403
B/L Density 20°C	0.7358
B/L Api 60°F	59.58
B/L RD 60/60°F	0.7405

Criteria used

Liters 15°C to Cu m 15°C	ASTM Table 1	0.001
Liters 15°C (1000) to US Barrels 60°F	ASTM Table 52	6.294
Metric Tons Air to Metric Tons Vac	ASTM Table 56	1.00145
Metric Tons Air to Long Tons	ASTM Table 1	0.984206

Signed by: Saybolt representative

Name:

Rank: Saybolt Inspector

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Vessel VULCANO M
Product ULSD

Bill of Lading date: 11 Oct 2020

Certificate of Quantity

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

	Gross	Net
Liters 15°C	18,830,636	18,830,636
Cubic meters 15°C	18,830.636	18,830.636
Barrels 60°F	*	118,501
Metric Tons vac	*	15,664.904
Metric Tons air		15,643.785
Long Tons	*	15,396.71

** as calculated by Saybolt only.*

These quantities have been determined by metering.

B/L Dens. 15°C Vac	0.8319
B/L Density 20°C	0.8283
B/L Api 60°F	38.51
B/L RD 60/60°F	0.8323

Criteria used

Liters 15°C to Cu m 15°C	ASTM Table 1	0.001
Liters 15°C (1000) to US Barrels 60°F	ASTM Table 52	6.293
Metric Tons Air to Metric Tons Vac	ASTM Table 56	1.00135
Metric Tons Air to Long Tons	ASTM Table 1	0.984206

Signed by: Saybolt representative

Name:

Rank: Saybolt Inspector

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Vessel VULCANO M
Product Mogas 95

Bill of Lading date: 11-Oct-2020
Inert Gas

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:	10 Oct 2020
Time of Inspection:	23:30
Last cargo	MOGAS (1 PT&ST) ; ULSD (7 PT&ST)
Second last cargo	MOGAS (1 PT&ST) ; ULSD (7 PT&ST)
Third last cargo	MOGAS
Method said to be used to clean tanks	1 WINGS :DRAINING AND STRIPPING FROM PREVIOUS CARGO. 7 WINGS : FRESH WATER WASHING 15 MIN. , DRAINING STRIPPING.
Method said to be used to clean line system	DRAINING AND STRIPPING .
Are any tanks coated	Yes
Which tanks and type of coating	ALL C.O.T. EPOXY COATED

We were unable to carry out a visual tank inspection due to the fact that the cargo tanks were inerted. The suitability for vessels cargotank 1 PT, 1 ST, 7 PT, 7 ST remains therefore at Owners responsibility.

Note: Due to the nature of the cargo to be loaded and the previous cargo(es) carried by the vessel, commencement of loading this cargo is depending on permission obtained from the principal(s). It may be necessary that the 'First foot' samples are drawn and checked for quality.

Whilst every effort has been made to comply with tank inspection instructions we can not be held responsible for the effectiveness of advised tank cleaning methods.

Sea-valves sealed and numbered:
SEGREGATED BALLAST SYSTEM

Remarks

ALL C.O.T. HAVE BEEN DIPPED , SEE ATTACHED O.B.Q. REPORT.

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
S. CRET
Saybolt Inspector

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Vessel VULCANO M
Product ULSD

Bill of Lading date: 11-Oct-2020

Inert Gas

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:	10 Oct 2020
Time of Inspection:	2330
Last cargo	ULSD (3-4-5-6 PT&ST) ; MOGAS (2 PT&ST)
Second last cargo	ULSD (3-4-5-6 PT&ST) ; MOGAS (2 PT&ST)
Third last cargo	ULSD
Method said to be used to clean tanks	3-4-5-6 PT&ST :DRAINING AND STRIPPING FROM PREVIOUS CARGO. 2 PT&ST : FRESH WATER WASHING 15 MIN., DRAINING, STRIPPING , PURGING WITH I.G. UP TO HC BELOW 2%.
Method said to be used to clean line system	DRAINING AND STRIPPING .
Are any tanks coated	Yes
Which tanks and type of coating	ALL C.O.T. EPOXY COATED

We were unable to carry out a visual tank inspection due to the fact that the cargo tanks were inerted. The suitability for vessels cargotank 2 PT, 2 ST, 3 PT, 3 ST, 4 PT, 4 ST, 5 PT, 5 ST, 6 PT, 6 ST remains therefore at Owners responsibility.

Note: Due to the nature of the cargo to be loaded and the previous cargo(es) carried by the vessel, commencement of loading this cargo is depending on permission obtained from the principal(s). It may be necessary that the 'First foot' samples are drawn and checked for quality.

Whilst every effort has been made to comply with tank inspection instructions we can not be held responsible for the effectiveness of advised tank cleaning methods.

Sea-valves sealed and numbered:
SEGREGATED BALLAST SYSTEM

Remarks

ALL C.O.T. HAVE BEEN DIPPED , SEE ATTACHED O.B.Q. REPORT.

Signed by: Ship's representative
Name:
Rank:

Saybolt representative
S. CRET
Saybolt Inspector

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Product Mogas 95

Bill of Lading date: 11-Oct-2020

OBQ Report

Survey Date and Time 10 Oct 2020 23:30

Tank	Total Observed Volume sounding mm	Volume Liters	Liquid Oil sounding mm	Volume Liters	Non-Liquid sounding mm	Volume Liters	Free water sounding mm	Volume Liters
1 PT	NIL		NIL		NIL		NIL	
1 ST	NIL		NIL		NIL		NIL	
7 PT	NIL		NIL		NIL		NIL	
7 ST	NIL		NIL		NIL		NIL	

Summary Totals

On-board figures			Draft		Corrections			
Total Observed Volume	Liters		Fore	m	5.00	Trim	m	2.00
Free Water	Liters		Aft	m	7.00	List	°	zero
Gross Observed Volume	Liters		Sea water temperature				°C	25
Liquid Volume	Liters		Ambient temperature				°C	25
Non-Liquid Volume	Liters		Trim/List correction applied?					
			Wedge formula applied?					

Remarks

1. Above volumes presumed to be at standard temperature unless otherwise noted.
2. Above volumes exclude any clingage.
3. Measurements are taken at one point only unless otherwise stated.

Signed by: Ship's representative
Name:
Rank: Chief Officer

Saybolt representative
S. CRET
Saybolt Inspector

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Product ULSD

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OBQ Report

Survey Date and Time 10 Oct 2020 23:30

Tank	Total Observed Volume		Liquid Oil		Non-Liquid		Free water	
	sounding mm	Volume Liters	sounding mm	Volume Liters	sounding mm	Volume Liters	sounding mm	Volume Liters
2 PT	NIL		NIL		NIL		NIL	
2 ST	NIL		NIL		NIL		NIL	
3 PT	NIL		NIL		NIL		NIL	
3 ST	NIL		NIL		NIL		NIL	
4 PT	NIL		NIL		NIL		NIL	
4 ST	NIL		NIL		NIL		NIL	
5 PT	NIL		NIL		NIL		NIL	
5 ST	NIL		NIL		NIL		NIL	
6 PT	NIL		NIL		NIL		NIL	
6 ST	NIL		NIL		NIL		NIL	

Summary Totals

On-board figures			Draft		Corrections			
Total Observed Volume	Liters		Fore	m	5.00	Trim	m	2.00
Free Water	Liters		Aft	m	7.00	List	°	zero
Gross Observed Volume	Liters		Sea water temperature				°C	25
Liquid Volume	Liters		Ambient temperature				°C	25
Non-Liquid Volume	Liters		Trim/List correction applied?					
			Wedge formula applied?					

Remarks

1. Above volumes presumed to be at standard temperature unless otherwise noted.
2. Above volumes exclude any clingage.
3. Measurements are taken at one point only unless otherwise stated.

Signed by: Ship's representative
Name:
Rank: Chief Officer

Saybolt representative
S. CRETI
Saybolt Inspector

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Vessel VULCANO M
Product Mogas 95

Bill of Lading date: 11-Oct-2020

Ullage Report Departure

Survey Date and Time 12 Oct 2020

Dens. 15°C Vac

0.7403

Tank	ullage mm	ullage corr mm	TOV Liters	Free water mm	Liters	GOV Liters	Temp °C	VCF table 54B	GSV Liters 15°C
1 PT	2340		897,400	Not Found		897,400	25.40	0.98710	885,824
1 ST	2340		905,300	Not Found		905,300	25.90	0.98650	893,078
7 PT	1160		1,431,200	Not Found		1,431,200	25.90	0.98650	1,411,879
7 ST	1110		1,432,500	Not Found		1,432,500	24.10	0.98890	1,416,599
Totals			4,666,400			4,666,400			4,607,380

Summary Totals

On-board figures	OBQ Information	Draft	Correction
GSV Liters 15°C	4,607,380	FORE m	9.30 TRIM m
TCV Liters 15°C	4,607,380	AFT m	9.30 LIST °

On-board figures	Loaded figures
GSV Liters 15°C	4,607,380
GSV Cu m 15°C	4,607.380
GSV Barrels 60°F	28,999
MT vac	3,410.713
MT air	3,405.775
LT	3,351.98
	GSV Loaded Ltrs 15°C
	Cu m 15°C Loaded
	Cu m 60°F Loaded
	GSV Loaded Bbls 60°F
	MT Vac Loaded
	MT Air Loaded
	LT Loaded
	Average Product Temp °C
	25.25

Signed by: Ship's representative
Name:
Rank: Chief Officer

Saybolt representative
Raunich Damiano
Saybolt Inspector

Measurements in accordance with API standards.

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Vessel VULCANO M
Product ULSD

Bill of Lading date: 11-Oct-2020

Ullage Report Departure

Survey Date and Time 12 Oct 2020

Dens. 15°C Vac

0.8319

Tank	ullage mm	ullage corr mm	TOV Liters	Free water mm	Liters	GOV Liters	Temp °C	VCF table 54B	GSV Liters 15°C
2 PT	1060		1,824,400	Not Found		1,824,400	28.40	0.98840	1,803,237
2 ST	1060		1,820,700	Not Found		1,820,700	29.60	0.98750	1,797,941
3 PT	1060		1,930,500	Not Found		1,930,500	28.90	0.98790	1,907,141
3 ST	1050		1,935,700	Not Found		1,935,700	29.20	0.98770	1,911,891
4 PT	1060		1,937,100	Not Found		1,937,100	29.60	0.98750	1,912,886
4 ST	1060		1,935,000	Not Found		1,935,000	29.40	0.98750	1,910,813
5 PT	1080		1,931,100	Not Found		1,931,100	29.60	0.98750	1,906,961
5 ST	1070		1,935,100	Not Found		1,935,100	29.20	0.98770	1,911,298
6 PT	1080		1,934,200	Not Found		1,934,200	29.70	0.98730	1,909,636
6 ST	1070		1,932,000	Not Found		1,932,000	28.50	0.98840	1,909,589
Totals			19,115,800			19,115,800			18,881,393

Summary Totals

On-board figures	OBQ Information	Draft	Correction
GSV Liters 15°C	18,881,393	FORE m	9.30 TRIM m nil
TCV Liters 15°C	18,881,393	AFT m	9.30 LIST ° 0°

On-board figures	Loaded figures
GSV Liters 15°C	18,881,393
GSV Cu m 15°C	18,881.393
GSV Barrels 60°F	118,821
MT vac	15,707.838
MT air	15,686.661
LT	15,438.91
GSV Loaded Ltrs 15°C	18,881,393
Cu m 15°C Loaded	18,881.393
Cu m 60°F Loaded	18,890.994
GSV Loaded Bbls 60°F	118,821
MT Vac Loaded	15,707.838
MT Air Loaded	15,686.661
LT Loaded	15,438.91

Average Product Temp °C 29.21

Signed by: Ship's representative
Name:
Rank: Chief Officer

Saybolt representative
Raunich Damiano
Saybolt Inspector

Measurements in accordance with API standards.

ESSO ITALIANA S.R.L.
VIALE CASTELLO DELLA MAGLIANA 25
00148 ROME
Italy
Mr. E. Tamosaityte
ITEVESSFIN-2010-0007



Job No 10802/00013282.0000/01/I/20
Report date 12 Oct 2020
Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Vessel Experience Report

Voyage number	Grade	Port	Date	Ship's Sailing Cubic Meters	OBQ Cubic Meters	B/L Cubic Meters	Difference Cubic Meters	VLR Ship / Shore	Qual. voyage
1st	ULSD - MOGAS	Augusta		23,421.206		23,343.675	77.531	1.00332	yes
2nd	ULSD - MOGAS	Augusta	28 Sep 2020	22,076.397		21,997.601	78.796	1.00358	yes
3rd	ULSD - MOGAS	Augusta	24 Sep 2020	21,957.931		21,896.532	61.399	1.00280	yes
4th	ULSD - MOGAS	Augusta	15 Sep 2020	23,271.329		23,211.529	59.800	1.00258	yes
5th	ULSD - MOGAS	Augusta	11 Sep 2020	20,806.743		20,741.577	65.166	1.00314	yes
6th	ULSD - MOGAS	Augusta	30 Aug 2020	19,831.341		19,783.025	48.316	1.00244	yes
7th	ULSD - MOGAS	Augusta	23 Aug 2020	19,553.233		19,515.952	37.281	1.00191	yes
8th	ULSD - MOGAS	Augusta	15 Aug 2020	20,798.754		20,740.099	58.655	1.00283	yes
9th	ULSD - MOGAS	Augusta	11 Aug 2020	21,054.266		21,035.780	18.486	1.00088	yes
10th	ULSD - MOGAS	Augusta	06 Aug 2020	20,851.832		20,764.485	87.347	1.00421	yes
11th	ULSD - MOGAS	Augusta	26 Jul 2020	21,626.142		21,554.677	71.465	1.00332	yes
12th	ULSD - MOGAS	Augusta	17 Jul 2020	22,863.027		22,773.840	89.187	1.00392	yes
13th	ULSD - MOGAS	Augusta	11 Jul 2020	23,008.572		22,922.345	86.227	1.00376	yes
14th	ULSD - MOGAS	Augusta	07 Jul 2020	21,232.642		21,177.711	54.931	1.00259	yes
15th	ULSD - MOGAS	Augusta	01 Jul 2020	23,297.473		23,213.759	83.714	1.00361	yes
16th	ULSD - MOGAS	Augusta	23 Jun 2020	23,332.916		23,230.810	102.106	1.00440	yes
17th	ULSD - MOGAS	Augusta	15 Jun 2020	18,992.826		18,921.965	70.861	1.00374	yes
18th	ULSD - MOGAS	Augusta	08 Jun 2020	21,235.655		21,169.170	66.485	1.00314	yes
19th	ULSD - MOGAS	Augusta	03 Jun 2020	22,714.692		22,621.015	93.677	1.00414	yes
20th	ULSD	Rijeka	23 May 2020	23,820.274		23,759.185	61.089	1.00257	yes
Totals									
				Totals					
				Qualifying Totals	435,747.251	434,374.732			
					435,747.251	434,374.732			

First average (Total Ship/Total Shore)

+ 0.3% of first average (excl. gross errors)

Second average (Qualifying Total Ship/ Qualifying Total Shore)

+ 0.3% of second average

1.00316

1.00617

1.00316

1.00617

- 0.3% 1.00015

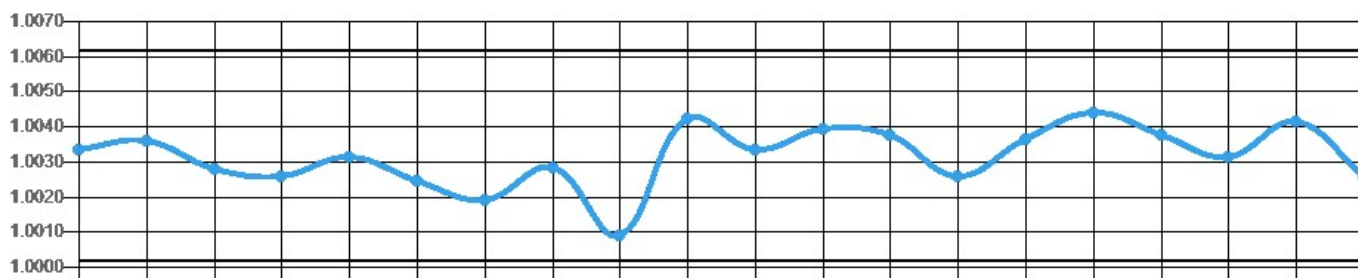
- 0.3% 1.00015

Vessel Experience Factor based on second average

1.0032

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:

Rank: Chief Officer

Saybolt representative

Saybolt Inspector

Tel. FAX
Website: E-mail:

All our activities are carried out under Saybolt's terms and conditions, available at www.corelab.com/saybolt/terms-conditions

SAIL4 VEF V4.0.10.11 2019/10/30

Date: 12 Oct 2020 10:09
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ESSO ITALIANA S.R.L.
VIALE CASTELLO DELLA MAGLIANA 25
00148 ROME
Italy
Mr. E. Tamosaityte
ITEVESSFIN-2010-0007



Job No 10802/00013282.0000/01/I/20
Report date 12 Oct 2020
Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Bunker Report Fuel Oil

Main engine type: Motor

Daily consumption	at sea, speed 13 KN	MT	22.5	Last port:
	in port (loading):	MT	3	Departure date:
	in port (discharge):	MT	6	Departure Fuel Oil MT:
	at anchor:	MT	3	

Arrival bunkers

Date and time of measurements	10 Oct 2020 22:30	Draft Forward	m	5.00
Gauges are corrected by trim	No	Draft Aft	m	7.00
Laboratory analysis carried out?	No	Trim:	m	2.00

Tank	Ullage cm	% LEL	Observed Liters	Temp. °C	VCF 54B	GSV liters 15°C	Dens 15°C	Metric Tons Air
FWD ST	678		136,900	35	0.98560	134,929	0.9543	128.614
MIDDLE ST	603		99,700	27	0.99140	98,843	0.9543	94.217
FWD PT	253		36,100	57	0.96880	34,974	0.9329	32.589
Settling	460		30,200	92	0.94240	28,460	0.9329	26.519
Aft Service	499		37,000	90	0.94390	34,924	0.9329	32.542

Departure Bunkers

Date and time of measurement	12 Oct 2020 09:30	Draft Forward	m	9.30
Gauges are corrected by trim?	No	Draft Aft	m	9.30
Laboratory analysis carried out?	No	Trim	m	nil

Tank	Ullage cm	% LEL	Observed Liters	Temp. °C	VCF 54B	GSV liters 15°C	Dens 15°C	Metric Tons Air
FWD ST	678		136,900	35	0.98560	134,929	0.9543	128.614
MIDDLE ST	603		99,700	27	0.99140	98,843	0.9543	94.217
FWD PT	253		36,100	57	0.96880	34,974	0.9329	32.589
Settling	460		30,200	92	0.94240	28,460	0.9329	26.519
Aft Service	499		37,000	90	0.94390	34,924	0.9329	32.542

Totals

	Arrival	Departure	Difference	Bunkers Loaded this port
GSV liters 15°C	332,130	332,130		GSV liters 15°C
Metric Tons Air	314.481	314.481		Metric Tons Air H.F.O.
Dens 15°C	0.9480	0.9480		Dens 15°C

Signed by: Ship's representative

Name:

Rank:

Saybolt representative

Saybolt Inspector

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Report date 12 Oct 2020
Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Bunker Report Marine Diesel Oil

Main engine type: Motor

Daily consumption	at sea, speed 13 KN	MT	-----	Last port:
	in port (loading):	MT	3	Departure date:
	in port (discharge):	MT	6	Departure Marine Diesel Oil MT:
	at anchor:	MT	3	

Arrival bunkers

Date and time of measurements	10 Oct 2020 22:30	Draft Forward	m	5.00
Gauges are corrected by trim	No	Draft Aft	m	7.00
Laboratory analysis carried out?	No	Trim:	m	2.00

Tank	Ullage cm	% LEL	Observed Liters	Temp. °C	VCF 54B	GSV liters 15°C	Dens 15°C	Metric Tons Air
Storage ST	10		200	26	0.99130	198	0.8813	0.174
Storage PT	105		8,100	26	0.99130	8,030	0.8813	7.068
Service	175		10,800	35	0.98410	10,628	0.8813	9.355
Aft STBD	375		77,600	29	0.98870	76,723	0.8714	66.772
FWD Service	EMPTY							

Departure Bunkers

Date and time of measurement	12 Oct 2020 09:30	Draft Forward	m	9.30
Gauges are corrected by trim?	No	Draft Aft	m	9.30
Laboratory analysis carried out?	No	Trim	m	nil

Tank	Ullage cm	% LEL	Observed Liters	Temp. °C	VCF 54B	GSV liters 15°C	Dens 15°C	Metric Tons Air
Storage ST	10		200	26	0.99130	198	0.8813	0.174
Storage PT	85		5,200	26	0.99130	5,155	0.8813	4.537
Service	162		10,200	35	0.98410	10,038	0.8813	8.835
Aft STBD	375		77,600	29	0.98870	76,723	0.8714	66.772
FWD Service	Empty							

Totals

	Arrival	Departure	Difference	Bunkers Loaded this port
GSV liters 15°C	95,579	92,114	3,465	GSV liters 15°C
Metric Tons Air	83.369	80.318	3.051	Metric Tons Air M.D.O.
Dens 15°C	0.8734	0.8730		Dens 15°C

Signed by: Ship's representative
Name:
Rank:

Saybolt representative

Saybolt Inspector

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Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Idle Cargo Tank Report

Tank / Compartment		Before		After	
	Cargo type		Volume (Liters)	Cargo type	Volume (Liters)
SLOP PT	NIL			NIL	
SLOP ST	NIL			NIL	
ROT	NIL			NIL	

Tanks used by ship for previous ballast voyage:

Signed by: Ship's representative
Name:
Rank:

Saybolt representative

Saybolt Inspector

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Vessel VULCANO M
Product Mogas 95

Bill of Lading date: 11-Oct-2020

Reference Height Report (additional)

Tank	Manual Tank Heights in mm			Gauging Location	Auto Gauge Heights in mm			
	Calibrated Ref.Height	Found Before	Reference After		Stowed Calibrated	Height Observed	Manual Gauge	Auto Gauge
1 PT	12,967	12,968	12,967	AFT				
1 ST	12,967	12,968	12,967	AFT				
2 PT	12,836	12,836	12,836	AFT				
2 ST	12,837	12,837	12,837	AFT				
3 PT	12,833	12,833	12,833	AFT				
3 ST	12,831	12,832	12,831	AFT				
4 PT	12,841	12,841	12,840	AFT				
4 ST	12,845	12,845	12,845	AFT				
5 PT	12,825	12,825	12,825	AFT				
5 ST	12,830	12,830	12,830	AFT				
6 PT	12,844	12,844	12,844	AFT				
6 ST	12,840	12,840	12,840	AFT				
7 PT	12,841	12,841	12,841	AFT				
7 ST	12,772	12,772	12,772	AFT				
Slop PT	12,074	12,071	12,071	AFT				
Slop ST	12,174	12,174	12,174	AFT				
ROT	5,950	5,950	5,950	AFT				

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

Informational:

Draft	Before		After
Forward	m	5.00	m
Aft	m	7.00	m
Trim	m	2.00	m

Signed by: Ship's representative
Name:
Rank:

Saybolt representative

Saybolt Inspector

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Mr. E. Tamosaityte
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Job No 10802/00013282.0000/01/I/20
Report date 12 Oct 2020
Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Statement of Facts

Dear Sirs,

This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients wish to draw attention of all parties to the following:

.
.
.
Dear Master, according to SONATRACH procedures, OBQ/Ullages measurements are required to be performed by Saybolt equipment.
The measurements will be performed by our MMC/UTI.

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

Signed by: Ship's representative
Name:
Rank:

Shore representative

Loading Master

Saybolt representative

Saybolt Inspector

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Report date 12 Oct 2020
Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Statement of Facts

Dear Sirs,

This is to advise that we, Saybolt, as Independent Surveyors on behalf of our clients wish to draw attention of all parties to the following:

.
. .

Your Vessel has been nominated to load the following grades:

.
. .

1) MOGAS 95 IN C.O.T. 1-7 PT & ST3,500 Mt .
2) ULSD IN C.O.T. 2-3-4-5-6 PT&ST..... 15,500 Mt .

.
. .
. .

It is understood that the vessel will adopt all precaution to segregated the above mentioned grades,
and the responsibility for any contamination which may occur due to wrong manouvre or valves leakage will remain with the vessel's
personnel.

.
. .

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

Signed by: Ship's representative
Name:
Rank:

Shore representative

Loading Master

Saybolt representative

Saybolt Inspector

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Report date 12 Oct 2020
Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product Mogas 95

Bill of Lading date: 11-Oct-2020

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)
.	. xMaster. ./ . xReceiver. .
Singletank field composite ex TK 438 before loading (2 x 1 lt.)	. .247324. ./ .247215. .
.	.
Singletank field composite ex TK 417 before loading (2 x 1 lt.)	. .230094. ./ .230007. .
.	.
.	.
Composite spot sample ex Shoreline during loading (2 x 1 Lt.)	. .230206. ./ .230807. .
.	.
.	.
Deck tank composite ex tankvessels after loading (2 x 1 lt.)	. .230487. ./ .230231. .

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Job No 10802/00013282.0000/01/I/20
Report date 12 Oct 2020
Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product ULSD

Bill of Lading date: 11-Oct-2020

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)
.	. xMaster. ./ . xReceiver. .
.	.
.	.
Single tank field composite ex TK 733 before loading (2 x 1 Lt.)	. .253714. ./ .247440. .
.	.
.	.
Single tank field composite ex TK 758 before loading (2 x 1 Lt.)	. .230074. ./ .230956. .
.	.
.	.
Composite spot sample ex Shoreline during loading (2 x 1 Lt.)	. .230228. ./ .230991. .
.	.
.	.
Deck tank composite ex tankvessels after loading (2 x 1 Lt.)	. .230122. ./ .230783. .

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Installation Augusta, Italy, Sonatrach Raffineria Italiana

Vessel VULCANO M
Product Mogas 95 , ULSD

Bill of Lading date: 11-Oct-2020, 11-Oct-2020

Void Space/Ballast Reports

Compartment/ Tank	Product	Before		After	
		Quantity Liters	Product	Quantity Liters	Product
Fore Peak	Sea water	232	Empty		
WBT 1 PT	Sea water	592	Empty		
WBT 1 ST	Sea water	622	Empty		
WBT 2 PT	Sea water	730	Empty		
WBT 2 ST	Sea water	707	Empty		
WBT 3 PT	Sea water	680	Empty		
WBT 3 ST	Sea water	636	Empty		
WBT 4 PT	Sea water	636	Empty		
WBT 4 ST	Sea water	613	Empty		
WBT 5 PT	Sea water	614	Empty		
WBT 5 ST	Sea water	637	Empty		
WBT 6 PT	Sea water	634	Empty		
WBT 6 ST	Sea water	610	Empty		
WBT 7 PT	Sea water	689	Empty		
WBT 7 ST	Sea water	585	Empty		

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

Additional information

Quantity of Oil received from ballast pumped ashore Liters
Tanks used by ship for previous ballast voyage?

Signed by: Ship's representative
Name:
Rank:

Saybolt representative

Saybolt Inspector