

**Emma****Loading Summary Report****FO LS 0.5%S****Vopak Terminal Europoort, Rotterdam, Europoort****Saybolt**
A CORE LABORATORIES COMPANY**02 OCT 2020**

04:51 Object arrived at Installation

08:52 Moored Alongside Berth (All Fast)

11:55 Saybolt onboard before Operation

12:00 Commenced Initial Inspection

13:00 Completed Initial Inspection, Tank(s) Inspected and Accepted

13:16 COMMENCED LOADING

13:45 First foot sample drawn

19:29 COMPLETED LOADING

20:10 Saybolt onboard after Operation

20:10 Commenced Final Inspection

20:50 Completed Final Inspection and Calculations, Tank(s) Measured and Sampled

21:04 Object Sailed / Departed

Bill of Lading**After Loading**

G.S.V. Liters (15°C)	-887	
3 439 888	-0.03%	3 439 001
G.S.V. Barrels (60°F)	-5.59	
21 644.69	-0.03%	21 639.10
Metric Tons Vac (Vac)	-0.864	
3 349.419	-0.03%	3 348.555
Metric Tons Air (Air)	-0.863	
3 345.795	-0.03%	3 344.932
Density 15°C kg/L (Vac)		
0.9737		0.9737
Date		
02 Oct 2020		02 Oct 2020

Remarks

Barge loaded from shore tank 1076.
BL MT/Air & Bbls60 as calculated by saybolt only.

For questions or remarks please contact:
Martijn Visser
Martijn.Visser@corelab.com

Issued by: **Jesse Battye**
Date of issue: **03 oct 2020**

Our reference number: 12010/00082529

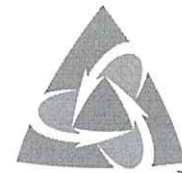
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This report reflects the findings at the time of the inspection and has been created with care and professional judgement.

To Whom It May Concern

This copy is being provided for courtesy purposes only, and does not give any person or company other than our named client a right to rely on these results.

No warranties, express or implied, including the warranty of due diligence and care mentioned elsewhere, shall extend to any party other than such named client.



Saybolt

A CORE LABORATORIES COMPANY

Report no. 12010/00089529
Date 02-10-2020 Time: 13:00
Object Emma
Location Uop Ak terminal Europoort
Grade FO LS 0.5%

LETTER OF PROTEST

Dear Sirs,

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

Quantity difference between:

- | | | | |
|--------------------------|---|-------------|---------|
| <input type="checkbox"/> | Loading and discharge port ship's figures, being | mtons | % |
| <input type="checkbox"/> | Bill of Lading weight and discharge port figures, being | mtons | % |
| <input type="checkbox"/> | Bill of Lading weight and outturn figures, being | mtons | % |
| <input type="checkbox"/> | Bill of Lading weight and loading port ship's figure, being | mtons | % |

Bill of Lading weight mtons	VAC / AIR
Loading port ship's figure mtons	VAC / AIR
Discharge port ship's figure mtons	VAC / AIR
Outturn figure (provisional / official) mtons	VAC / AIR

- ☐ Bill of lading figures are based on ship's figures corrected / not corrected for VEF
- ☐ Saybolt wishes to take manual measurements, but it is prohibited by the **terminal / vessel / barge operator / master / chief officer**.
- ☐ As per instructions received from our principals the above-named object was nominated to load..... min / max / approximately. However the actual quantity loaded is
For reason(s) see Remarks

- ☒ Saybolt is required to calculate a **Vessel Experience Factor**, as per API MPMS 17.9/EI HM 49 regulations, but the **master/chief officer** is unable to provide sufficient voyage data to compose a valid Vessel Experience Factor.
- ☐ The volume of **free water found** in your cargotanks no. is, Litres/Barrels
- ☐ The fact that the cargo stowed in cargotanks no. was found **off-specification** on:
- ☐ **Low pumping rate**
The installation / vessel is able to supply / receive mt/cum p/h
During loading / discharge we determined an average pumping rate of mt/cum p/h
with a back pressure of bar
- ☐ There is no **possibility / permission** to take a **end of shoreline / manifold / first foot** sample from a **barge / vessel / shore tank / shoreline**, before /during /after operation.

Remarks : This Letter of Protest is only valid for the marked sections

We therefore hold you fully responsible for any claim which may arise regarding the above and reserve the rights of our principals to take such action they may deem necessary.

Document distribution :

Signed for Vessel / Barge

Signed for Installation

Signed for Saybolt

name: T. WINDERS

name: _____

name: _____

Jasper Verbeek
Saybolt Nederland B.V.

**Emma****Ullage Report****FO LS 0.5%S****Vopak Terminal Europoort, Rotterdam, Europoort****After Loading**

Conversion	2009 MPMS 11.5	Draft Fore	Survey	02-10-2020 20:35
Table 54	B	Draft Aft	Water paste	
Density 15°C	0.9737	Correction Trim	Gauge equipment	Manual tape
		Correction List	Connector type	
		Tables valid From	Equipment nr	2611
			Table number	

Tank	Innage [mm]	Innage corr. [mm]	T.O.V. [liter]	Free Water [mm]	[liter]	Temp [°C]	V.C.F.	G.S.V. [liter]
P1	5 116		328 892			49.0	0.97615	321 048
P3	5 554		366 918			49.1	0.97608	358 141
P4	5 555		366 836			49.6	0.97573	357 933
P5	5 555		367 394			49.7	0.97566	358 452
P7	5 496		362 894			48.7	0.97637	354 319
S1	5 102		326 994			48.8	0.9763	319 244
S3	5 556		367 406			49.3	0.97594	358 566
S4	5 555		367 614			49.6	0.97573	358 692
S5	5 555		367 218			49.6	0.97573	358 306
S7	5 507		363 922			48.5	0.97651	355 373
Totals			3 586 088			49.2		3 500 074

Totals			GSV	TCV
TOV liters	3 586 088	Ltrs 15°C	3 439 001	3 439 001
FW liters		Barrels	21 639.10	21 639.10
GOV liters	3 586 088	US Gallons	908 842	908 842
GSV ltrs15°C	3 500 074	MT Vac	3 348.555	
OBQ GSV	61 073	MT Air	3 344.932	
GSV Loaded	3 439 001	LT	3 292.10	
MT Vac	3 348.555			
Density 15°C	0.9737			
Average temp°C	49.2			

Signed by Barge
Name: M. Keijzer
Rank: Barge Master

Issued by: Joey de Korte
Date of issue: 02 oct 2020

Our reference number: 12010/00082529. Measurements in accordance with API standards.

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