

EXXONMOBIL SALES & SUPPLY LLC
22777 Springwood Village Parkway
RU 4583
77389 Spring
United States
ExxonMobil Nwe Scheduler
NW21112



Job No 12004/00131232.0000/01/I/21
Report date 07 Apr 2021
Installation Rotterdam, Netherlands, Esso Refinery Botlek

Vessel LS ANNE
Product EHC 50, EHC 120

Bill of Lading date: 04-Apr-2021, 04-Apr-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:

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This report consists of 16 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: Corla Lakerveld

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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Job No 12004/00131232.0000/01/I/21
 Report date 07 Apr 2021
 Installation Rotterdam, Netherlands, Esso Refinery Botlek

Vessel LS ANNE
Product EHC 120

Bill of Lading date: 04-Apr-2021

Time Log

02 Apr 2021 (Friday)	
07:42	End of Sea Passage
07:54	Anchor Down
12:30	Notice of Readiness Tendered
03 Apr 2021 (Saturday)	
23:18	Anchor Up
04 Apr 2021 (Sunday)	
00:06	Pilot on Board
01:30	Shoretank S584 sampled(visually passed)
03:00	First Line Ashore
03:18	Moored Alongside Berth (All Fast)
03:18	Notice of Readiness Received
03:24	Gangway in Place
03:30	Saybolt onboard before Operation
03:32	Commenced Initial Inspection
03:48	Completed Initial Inspection, Tank(s) Inspected and Accepted
04:30	Hose / Arm Connected
07:51	COMMENCED LOADING
08:00	Shoreline start sample drawn, visually passed
09:00	Shoreline (5-15%) sample drawn, visually passed
09:45	COMPLETED LOADING
16:18	Hose / Arm Disconnected
19:00	Saybolt onboard after Operation
19:05	Commenced Final Inspection
20:40	Completed Final Inspection and Calculations, Tank(s) Measured and Sampled
21:45	Samples delivered to on-site Laboratory
22:26	Documents on Board
05 Apr 2021 (Monday)	
00:00	Object Sailed / Departed

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Vessel LS ANNE
Product EHC 50

Bill of Lading date: 04-Apr-2021

Time Log

02 Apr 2021 (Friday)	
07:42	End of Sea Passage
07:54	Anchor Down
12:30	Notice of Readiness Tendered
03 Apr 2021 (Saturday)	
23:18	Anchor Up
04 Apr 2021 (Sunday)	
00:06	Pilot on Board
03:00	First Line Ashore
03:18	Notice of Readiness Received
03:18	Moored Alongside Berth (All Fast)
03:24	Gangway in Place
03:30	Saybolt onboard before Operation
03:32	Commenced Initial Inspection
03:48	Completed Initial Inspection, Tank(s) Inspected and Accepted
04:18	Hose / Arm Connected
04:40	COMMENCED LOADING
04:45	Shoreline start sample drawn, visually passed
05:00	Shoretank S581 sampled(visually passed)
06:00	Shoreline (5-15%) sample drawn, visually passed
16:05	COMPLETED LOADING
16:24	Hose / Arm Disconnected
19:00	Saybolt onboard after Operation
19:05	Commenced Final Inspection
20:40	Completed Final Inspection and Calculations, Tank(s) Measured and Sampled
21:45	Samples delivered to on-site Laboratory
22:26	Documents on Board
05 Apr 2021 (Monday)	
00:00	Object Sailed / Departed

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Vessel LS ANNE
Product EHC 50

Bill of Lading date: 04-Apr-2021

Summary Loading (GSV)

Gross Standard Volume Data

GSV Figures	Loaded excl OBQ	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	4,092,935	4,093,068	-133	
Barrels 60°F	25,754.35	25,755.18	-0.83	
US Gallons 60°F	1,081,683	1,081,718	-35	
Metric Tons Vac	3,487.187	3,487.178	0.009	
Metric Tons Air	3,482.801	3,482.792	0.009	
Long Tons Air	3,427.80	3,427.79	0.01	

GSV Figures (VEF Adjusted)	Loaded adjusted by VEF	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	4,092,935	4,093,068	-133	
Barrels 60°F	25,754.35	25,755.18	-0.83	

	Density 15°C	Density 20°C	API 60°F	RD 60/60°F	S&W%
Vessel Loaded	0.8520	0.8489	34.48	0.8525	
Bill of Lading	0.8520	0.8489	34.48	0.8525	

General Data

Vessel Loaded Ratio	0.99997
Vessel Experience Factor Based on 2nd average	1.0000

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Vessel LS ANNE
Product EHC 120

Bill of Lading date: 04-Apr-2021

Summary Loading (GSV)

Gross Standard Volume Data

GSV Figures	Loaded excl OBQ	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	577,900	574,332	3,568	0.62
Barrels 60°F	3,636.34	3,613.89	22.45	0.62
US Gallons 60°F	152,726	151,783	943	0.62
Metric Tons Vac	498.959	495.860	3.099	0.62
Metric Tons Air	498.341	495.246	3.095	0.62
Long Tons Air	490.47	487.42	3.05	0.63

GSV Figures (VEF Adjusted)	Loaded adjusted by VEF	Bill of Lading	Δ Quantity	Δ %
Liters 15°C	577,900	574,332	3,568	0.62
Barrels 60°F	3,636.34	3,613.89	22.45	0.62

	Density 15°C	Density 20°C	API 60°F	RD 60/60°F	S&W%
Vessel Loaded	0.8634	0.8603	32.29	0.8639	
Bill of Lading	0.8634	0.8603	32.29	0.8639	

General Data

Vessel Loaded Ratio	1.00621
Vessel Experience Factor Based on 2nd average	1.0000

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Vessel LS ANNE
Product EHC 50

Bill of Lading date: 04-Apr-2021

Additional Objects Report

Object	EHC 50
GSV Liters 15°C	4,093,068
Metric Tons Air	3,482.792
Dens. 15°C Vac	0.8520
GSV Liters 15°C	4,093,068
GSV Barrels 60°F	25,755.18
GSV US Gallons 60°F	1,081,718
Metric Tons Vac	3,487.178
Metric Tons Air	3,482.792
Long Tons	3,427.79

Tables used: W.C.F., MPMS 11.5.3.4.7

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Vessel LS ANNE
Product EHC 120

Bill of Lading date: 04-Apr-2021

Additional Objects Report

Object	EHC 120
GSV Liters 15°C	574,332
Metric Tons Air	495.246
Dens. 15°C Vac	0.8634
GSV Liters 15°C	574,332
GSV Barrels 60°F	3,613.89
GSV US Gallons 60°F	151,783
Metric Tons Vac	495.860
Metric Tons Air	495.246
Long Tons	487.42

Tables used: W.C.F., MPMS 11.5.3.4.7

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Vessel LS ANNE
Product EHC 50

Bill of Lading Date: 04-Apr-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: 04 Apr 2021

Time of Inspection: 03:45

For Previous Cargoes, see "Ship's Tank History Report"

Ship's tanks inspected:

Tanks	Last Cargo	Cleaning	Coating
S2	Core 600	Stripped and Well Drained	Marine Line
P3	EHC 50	Stripped and Well Drained	Marine Line
S3	Core 600	Stripped and Well Drained	Marine Line
P4	Core 600	Stripped and Well Drained	Marine Line
S4	Core 600	Stripped and Well Drained	Marine Line
P5	Core 600	Stripped and Well Drained	Marine Line

This is to advise that on the above date, we carried out a visual inspection from decklevel of the following tanks: S2, P3, S3, P4, S4, P5. 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 cannot be held responsible for those areas beyond visual inspection (such as pumps, lines) and/or the effectiveness of advised tank cleaning methods.

Note: Due to the nature of the cargo to be loaded and the previous cargo(es) carried by the ship, it may be necessary that "Foot Samples" drawn are checked for quality."

Sea-valves sealed and numbered:

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

Saybolt representative
Elias Nussy
Saybolt Inspector

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Vessel LS ANNE
Product EHC 120

Bill of Lading Date: 04-Apr-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: 04 Apr 2021

Time of Inspection: 03:45

For Previous Cargoes, see "Ship's Tank History Report"

Ship's tanks inspected:

Tanks	Last Cargo	Cleaning	Coating
P2	QHVI 4	Stripped and Well Drained	Marine Line

This is to advise that on the above date, we carried out a visual inspection from decklevel of the following tanks: P2.

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 cannot be held responsible for those areas beyond visual inspection (such as pumps, lines) and/or the effectiveness of advised tank cleaning methods.

Note: Due to the nature of the cargo to be loaded and the previous cargo(es) carried by the ship, it may be necessary that "Foot Samples" drawn are checked for quality."

Sea-valves sealed and numbered:

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

Saybolt representative
Elias Nussy
Saybolt Inspector

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Vessel LS ANNE
Product EHC 50, EHC 120

Bill of Lading date: 04-Apr-2021, 04-Apr-2021

History 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.

Tank Nr	Last Cargo	2nd Last Cargo	3rd Last Cargo	Coating
S2	Core 600	EHC 50	EHC 120	Marine Line
P3	EHC 50	Core 600	Core 600	Marine Line
S3	Core 600	Core 600	Core 600	Marine Line
P4	Core 600	Core 600	Core 600	Marine Line
S4	Core 600	Core 600	Core 600	Marine Line
P5	Core 600	QHVI 8	EHC 120	Marine Line
P2	QHVI 4	Core 150	Core 600	Marine Line

Tank(s) cleaned S2, P3, S3, P4, S4, P5, P2
Method of cleaning Stripped and Well Drained
Ship's lines to be used
Method of line cleaning Drained

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

Saybolt representative
Elias Nussy
Saybolt Inspector

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Vessel LS ANNE
Product EHC 50

Bill of Lading date: 04-Apr-2021

Ullage Report Departure

Survey Date and Time 04 Apr 2021 19:58

Dens. 15°C Vac 0.8520

Tank	ullage mm	ullage corr mm	TOV Liters	Free water mm	Liters	GOV Liters	Temp °C	VCF table 54D	GSV Liters 15°C
S2	1640	1739	664,138			664,138	33.00	0.98668	655,292
P3	1442	1541	716,599			716,599	32.70	0.98691	707,219
S3	1450	1549	716,762			716,762	32.90	0.98676	707,272
P4	1464	1564	715,436			715,436	33.00	0.98668	705,906
S4	1501	1601	713,229			713,229	32.20	0.98728	704,157
P5	1622	1719	621,177			621,177	32.60	0.98698	613,089
Totals			4,147,341			4,147,341			4,092,935

Summary Totals

On-board figures	OBQ Information	Draft	Correction
GSV Liters 15°C	4,092,935	FORE m	5.05 TRIM m
TCV Liters 15°C	4,092,935	AFT m	6.55 LIST °

On-board figures	Loaded figures
GSV Liters 15°C	4,092,935
GSV Barrels 60°F	25,754.35
GSV US gallons 60	1,081,683
MT vac	3,487.187
MT air	3,482.801
Kilos air	3,482,801
LT	3,427.80
GSV Loaded Ltrs 15°C	4,092,935
GSV Loaded Bbls 60°F	25,754.35
GSV Loaded US Glns 60°F	1,081,683
MT Vac Loaded	3,487.187
MT Air Loaded	3,482.801
Kilo Air Loaded	3,482,801
LT Loaded	3,427.80

Equipment used

Gauge Equipment Type	Vessel/barge equipment/ATG	Temperature Equipment Type	Vessel/barge equipment/ATG
Gauge Equipment Used	Automatic Tank Gauge	Temperature Equipment Used	Automatic Tank Temperature
Gauge Equipment number	G 13775		

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

Saybolt representative
Milo Keller
Saybolt Inspector

Measurements in accordance with API standards.

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Product EHC 120

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Ullage Report Departure

Survey Date and Time 04 Apr 2021 19:58

Dens. 15°C Vac

0.8634

Tank	ullage mm	ullage corr mm	TOV Liters	Free water mm	Liters	GOV Liters	Temp °C	VCF table 54D	GSV Liters 15°C
P2	2591	2691	584,682			584,682	30.90	0.98840	577,900
Totals			584,682			584,682			577,900

Summary Totals

On-board figures	OBQ Information	Draft	Correction
GSV Liters 15°C	577,900	FORE m	5.05 TRIM m
TCV Liters 15°C	577,900	AFT m	6.55 LIST °

On-board figures	Loaded figures
GSV Liters 15°C	577,900 GSV Loaded Ltrs 15°C
GSV Barrels 60°F	3,636.34 GSV Loaded Bbls 60°F
GSV US gallons 60	152,726 GSV Loaded US Glns 60°F
MT vac	498.959 MT Vac Loaded
MT air	498.341 MT Air Loaded
Kilos air	498.341 Kilo Air Loaded
LT	490.47 LT Loaded

Equipment used			
Gauge Equipment Type	Vessel/barge equipment/ATG	Temperature Equipment Type	Vessel/barge equipment/ATG
Gauge Equipment Used	Automatic Tank Gauge	Temperature Equipment Used	Automatic Tank Temperature
Gauge Equipment number	G 13775		

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

Saybolt representative
Milo Keller
Saybolt Inspector

Measurements in accordance with API standards.

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Job No 12004/00131232.0000/01/I/21
Report date 07 Apr 2021
Installation Rotterdam, Netherlands, Esso Refinery Botlek

Vessel LS ANNE
Product EHC 50

Bill of Lading date: 04 Apr 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
Liters 15°C	4,093,068
Barrels 60°F	25,755.18
US Gallons 60°F	1,081,718
Metric Tons vac	3,487.178
Metric Tons air	3,482.792
Long Tons	3,427.79

These quantities have been determined by measurement of shore tanks.

B/L Dens. 15°C Vac	0.8520
B/L Density 20°C	0.8489
B/L Api 60°F	34.48
B/L RD 60/60°F	0.8525

Criteria used

Liters 15°C (1000) to US Barrels 60°F	MPMS 11.5.3 - 4.25	6.292390652
Liters 15°C to US Gallons 60°F	MPMS 11.5.3 - 4.24	0.2642804073
Metric Tons Air to Metric Tons Vac	MPMS 11.5.3 - 4.5	1.001259414
Metric Tons Air to Long Tons	MPMS 11.5 - Annex D	0.9842065

Signed by: Saybolt representative
Name: Milo Keller
Rank: Saybolt Inspector

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Vessel LS ANNE
Product EHC 120

Bill of Lading date: 04 Apr 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
Liters 15°C	574,332
Barrels 60°F	3,613.89
US Gallons 60°F	151,783
Metric Tons vac	495.860
Metric Tons air	495.246
Long Tons	487.42

These quantities have been determined by measurement of shore tanks.

B/L Dens. 15°C Vac	0.8634
B/L Density 20°C	0.8603
B/L Api 60°F	32.29
B/L RD 60/60°F	0.8639

Criteria used

Liters 15°C (1000) to US Barrels 60°F	MPMS 11.5.3 - 4.25	6.292327703
Liters 15°C to US Gallons 60°F	MPMS 11.5.3 - 4.24	0.2642777635
Metric Tons Air to Metric Tons Vac	MPMS 11.5.3 - 4.5	1.00124078
Metric Tons Air to Long Tons	MPMS 11.5 - Annex D	0.9842065

Signed by: Saybolt representative
Name: Milo Keller
Rank: Saybolt Inspector

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Vessel LS ANNE
Product EHC 50, EHC 120

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Sample Report

Grade	Description	Sealed	Distribution	Amount	Volume
EHC 50	Shore tank S583 tap before loading into Vessel LS ANNE	Open	Saybolt	1	1.0 liters
EHC 50	Shore line EHC 50 end of shoreline (Start) before loading into Vessel LS ANNE	Open	Saybolt	1	1.0 liters
EHC 50	Shore line EHC 50 end of shoreline (5-15%) during loading into Vessel LS ANNE	Open	Saybolt	1	1.0 liters
EHC 50	Shore line EHC 50 end of shoreline (1 hour) during loading into Vessel LS ANNE TAV F Brouwer	Open	Terminal	2	1.0 liters
EHC 50	Shore line EHC 50 (AFTER TANK SWITCH) during loading into Vessel LS ANNE	Open	Saybolt	1	1.0 liters
EHC 50	Vessel LS ANNE S2 running sample after loading from Shore tank S581, Shore tank S583	Open	Saybolt	6	1.0 liters
EHC 50	Vessel LS ANNE S2 dead bottom sample after loading from Shore tank S581, Shore tank S583	Open	Saybolt	6	0.25 liters
EHC 50	Vessel LS ANNE S2 running sample after loading from Shore tank S581, Shore tank S583 for ESSO	Open	Terminal	6	1.0 liters
EHC 50	Vessel LS ANNE deck composite after loading from Shore tank S581, Shore tank S583 for ESSO	Open	Terminal	2	2.0 liters
EHC 50	Vessel LS ANNE deck composite after loading from Shore tank S581, Shore tank S583 for VESSEL	Open	Vessel	1	2.0 liters
EHC 50	Vessel LS ANNE multiple tank composite prepared from running samples ex S2, P3, S3, P4, S4, P5 after loading	Open	Saybolt	1	1.0 liters
EHC 120	Shore tank S584 tap before loading into Vessel LS ANNE	Open	Saybolt	1	1.0 liters
EHC 120	Shore line EHC 120 (START SAMPLE) during loading into Vessel LS ANNE	Open	Saybolt	1	1.0 liters
EHC 120	Shore line EHC 120 (5/15%SAMPLE) during loading into Vessel LS ANNE	Open	Saybolt	1	1.0 liters
EHC 120	Vessel LS ANNE running sample after loading from Shore tank S584	Open	Saybolt	1	1.0 liters
EHC 120	Vessel LS ANNE P2 dead bottom sample after loading from Shore tank S584	Open	Saybolt	1	0.25 liters
EHC 120	Vessel LS ANNE running sample after loading from Shore tank S584	Open	Terminal	1	1.0 liters
EHC 120	Vessel LS ANNE deck composite after loading from Shore tank S584 for ESSO	Open	Terminal	2	2.0 liters
EHC 120	Vessel LS ANNE deck composite after loading from Shore tank S584 for ESSO	Open	Vessel	1	2.0 liters
EHC 50	Shore tank S581 tap before loading into Vessel LS ANNE	Open	Saybolt	1	1.0 liters
Total Samples				38	

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	Chief Officer
received by	Saybolt
Loadport sample seal numbers	EHC 50(241437) EHC 120(241436)

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 Experience Report

Voyage number	Grade	Port	Date	Ship's Sailing Metric Tons	OBQ Metric Tons	B/L Metric Tons	Difference Metric Tons	VLR Ship / Shore	Qual. voyage
last 011	Lube Oil	Rotterdam	31 Mar 2021	2,945.460		2,950.560	-5.100	0.99827	yes
2nd 010	Lube Oil	Port Jerome	26 Mar 2021	4,999.520		4,998.090	1.430	1.00029	yes
3rd 009	Lube Oil	Port Jerome	20 Mar 2021	3,993.330		3,999.960	-6.630	0.99834	yes
4th 008	Lube Oil	Hamburg/Rotterdam	13 Mar 2021	4,600.128		4,600.977	-0.849	0.99982	yes
5th 007	Lube Oil	Rotterdam	28 Feb 2021	5,007.838		4,996.907	10.931	1.00219	yes
6th 006	Lube Oil	Port Jerome	22 Feb 2021	1,192.970		1,193.550	-0.580	0.99951	yes
7th 005	Lube Oil	Rotterdam	16 Feb 2021	4,993.760		4,993.600	0.160	1.00003	yes
8th 004	Lube Oil	Pjg	10 Feb 2021	6,092.730		6,091.660	1.070	1.00018	yes
9th 3	Lube Oil	Rotterdam	24 Jan 2021	5,004.356		4,999.471	4.885	1.00098	yes
10th 2	Lube Oil	Port Jerome	17 Jan 2021	4,995.880	-	5,042.090	-16.210	0.99677	no
11th 047	Lube Oil	Unknown	08 Jan 2021	4,092.000		4,095.000	-3.000	0.99927	yes
12th 046	Lube Oil	Rotterdam	02 Jan 2021	4,203.960		4,197.230	6.730	1.00160	yes
13th 045	Lube Oil	Port Jerome	27 Dec 2020	4,997.220		5,001.620	-4.400	0.99912	yes
14th 044	Lub Oil	Rdam/Hamburg	17 Dec 2020	4,440.000		4,433.000	7.000	1.00158	yes
15th 043	Lub Oil	Unknown	07 Dec 2020	5,033.000		5,049.000	-16.000	0.99683	yes
16th 042	Lube Oil	Rotterdam	01 Dec 2020	4,013.960		4,006.260	7.700	1.00192	yes
17th 041	Lube Oil	Port Jerome	26 Nov 2020	4,832.381		4,844.832	-12.451	0.99743	yes
18th 040	Lube Oil	Rotterdam	16 Nov 2020	3,352.310		3,348.531	3.779	1.00113	yes
19th 039	Lube Oil	Rotterdam	10 Nov 2020	5,029.230		5,031.690	-2.460	0.99951	yes
20th 038	Lube Oil	Rotterdam	06 Nov 2020	5,046.610		5,039.110	7.500	1.00149	yes
Totals									
Totals				88,866.643		88,883.138			
Qualifying Totals				83,870.763		83,871.048			

First average (Total Ship/Total Shore)

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

Second average (Qualifying Total Ship/ Qualifying Total Shore)

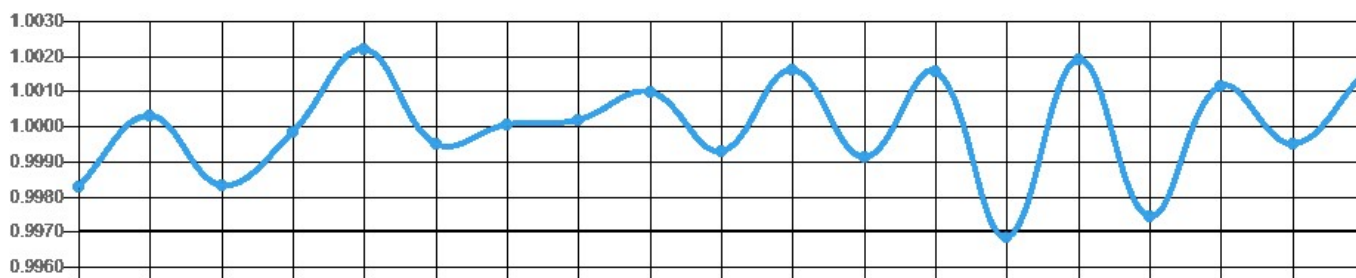
+ 0.3% of second average

0.99981
1.00281 - 0.3% 0.99681
1.00000
1.00300 - 0.3% 0.99700

Vessel Experience Factor based on second average 1.0000

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: Ispas Vlad
Rank: Chief Officer

Saybolt representative
Milo Keller
Saybolt Inspector

To Whom It May Concern



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Analysis Report

Report number	: 12004/00131232.1/L/21	Date of sampling	: 04-04-2021
Main Object	: LS ANNE	Place of sampling	: Esso Refinery Botlek
Report Date	: 05-04-2021	Date received	: 04-04-2021
Date of issue	: 05-04-2021	Date completed	: 05-04-2021
Sample object	: LS ANNE	Sample number	: 11411041
Sample type	: Sampled		
Sample submitted as	: EHC 120		
Marked	: Vessel LS ANNE P2 running sample after loading from Shore tank S584		

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Clear and Bright
Kinematic Viscosity at 40 °C	ASTM D 445	mm²/s	100.4
Color Saybolt	ASTM D 156	-	+30

Signed by: Wilfred Maddoe - Customer Service Representative
Issued by: Saybolt Nederland BV
Place and date of issue: Rotterdam-Botlek - 05-04-2021

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.

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Analysis Report

Report number : 12004/00131232.1/L/21

Main Object : LS ANNE

Report Date : 05-04-2021

Date of issue : 05-04-2021

Sample object : LS ANNE

Sample type : Composite

Sample submitted as : EHC 50

Marked : Vessel LS ANNE multiple tank composite prepared from running samples ex S2 , P3 , S3 , P4 , S4 , P5 after loading from Shore tank S581, Shore tank S583

Composite prep date : 04-04-2021

Place of sampling : Esso Refinery Botlek

Date received : 04-04-2021

Date completed : 05-04-2021

Sample number : 11411999

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Clear and Bright
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	29.88
Color ASTM	ASTM D 1500	-	L 0.5
Color Saybolt	ASTM D 156	-	+30

Signed by: Wilfred Maddoe - Customer Service Representative
Issued by: Saybolt Nederland BV
Place and date of issue: Rotterdam-Botlek - 05-04-2021

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