

**Parcel Summary**

Transport	Location	Activity	Grade	Quantity	ETA	Supply Contract Window	Inspector	Inspection Requirements
BOW SKY (9215268)	VOPAK VLD LWH:LUB:4583/ 2235 (Nether- lands)	Load	AP/E CORE 2500	400 Met- ric tonnes	22 Mar 2021	n/a	Saybolt	Quality / Quantity / Time log
BOW SKY (9215268)	VOPAK VLD LWH:LUB:4583/ 2235 (Nether- lands)	Load	EHC 120	1,600 Metric tonnes	22 Mar 2021	n/a	Saybolt	Quality / Quantity / Time log
BOW SKY (9215268)	VOPAK VLD LWH:LUB:4583/ 2235 (Nether- lands)	Load	AP/E CORE 2500	350 Met- ric tonnes	22 Mar 2021	n/a	Saybolt	Quality / Quantity / Time log
BOW SKY (9215268)	VOPAK VLD LWH:LUB:4583/ 2235 (Nether- lands)	Load	AP/E CORE 2500	400 Met- ric tonnes	22 Mar 2021	n/a	Saybolt	Quality / Quantity / Time log
BOW SKY (9215268)	VOPAK VLD LWH:LUB:4583/ 2235 (Nether- lands)	Load	EHC 120	590 Met- ric tonnes	22 Mar 2021	n/a	Saybolt	Quality / Quantity / Time log
BOW SKY (9215268)	VOPAK VLD LWH:LUB:4583/ 2235 (Nether- lands)	Load	EHC 50	2,400 Metric tonnes	22 Mar 2021	n/a	Saybolt	Quality / Quantity / Time log
BOW SKY (9215268)	VOPAK VLD LWH:LUB:4583/ 2235 (Nether- lands)	Load	AP/E CORE 150	600 Met- ric tonnes	22 Mar 2021	n/a	Saybolt	Quality / Quantity / Time log

TRIP: AF21045

21E563724 VER 1 (ISSUED)

**Region:** EAME  
**Operator:** CHRISTINE PEIJ  
(christine.peij@exxonmobil.com)  
**Phone:**  
**Mobile:**

**Other Reference:** B&S EAME LOAD ROTTERDAM TERMINALS - SAYBOLT - 50%  
3P CUSTOMER - EMS&S  
**Business Group:** B&S EAME  
**Desk:** B&S EAME Supply  
**Nomination Type:** Marine

**Documentary Instructions:**

Please provide an independent cargo inspection service in accordance with the Esso global inspection contract.

**LOAD: BOW SKY (9215268) - VOPAK VLD LWH:LUB:4583 / 2235 (NETHERLANDS)**

**Inspector:** Saybolt  
**Hub:** Europe/Africa/Russia/ME (International Desk Rotterdam)  
**Coordinator:** Cora Ligt (intdesk.saynl@corelab.com)  
**Local Office:** Saybolt Netherland Rotterdam Chemicals (saybolt.rotterdam.chemical@corelab.com)

**Inspection Status:** Accepted  
**Created On:** 10 Mar 2021 by Christine Peij  
**Last Modified:** 10 Mar 2021 by Cora Ligt

**INSPECTION REQUIREMENTS: QUALITY / QUANTITY / TIME LOG**

**Voyage Parcel External Reference Number:** 5347377-10  
**Grade:** AP/E CORE 2500  
**ETA:** 22 Mar 2021  
**ETD:**  
**Supply Contract Window Start:** n/a  
**Supply Contract Window End:** n/a  
**Total Nominated Quantity:** 400 Metric tonnes  
**Transport / Voyage Number / Quantity / Tolerance:** BOW SKY (9215268) / 400 Metric tonnes

**Contract Number:**  
**Parcel Ref:**  
**Destination:**  
**Source Location:**  
**Supplier:**  
**Receiver:**  
**Delivery Terms:** CFR (Cost and Freight)  
**Mother Vessel:**

**Email Quantity Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com

**Email Quality Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com

**Load / Discharge Instructions:**

For sampling and sealing, below instructions must be followed:

- 1) Invite the owners to witness the sampling of the manifold (arm loading "beginning")/ship tanks
- 2) Jointly seal and label the samples
- 3) Issue the samples document and have it signed by the ship crew showing samples are drawn in the presence of both parties

Attn Inspector: If you cannot draw sample yourself, do accompany and witness the site operators when samples are drawn.

**Parcel Comments:**

Retain samples for 90 days.

**Quality Inspection Instructions:**

**SET 1**

**Description:** On-shore tank Sample  
**Sample Location:** Other (Specify in Comments)  
**Quality Test Comments:**

A 1-L retain sample of the **on-shore tank**, which is sealed and kept either at the loading site, or by the Surveyor. When the tank has no specific protection device against the ingress of atmospheric humidity, a low level (i.e. tank outlet level) sample is taken and confirmed B&C.

		RO = Report Only				Req. = Required		
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

## SET 2

**Description:** Loading Arm Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A **loading arm sample** (either at vessel manifold, or if not possible at the onshore point closest to the loading arm), before loading.

		RO = Report Only				Req. = Required		
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 3

**Description:** Loading arm beginning sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A 0.5 to 1-L **loading arm "beginning"** retain sample taken during the loading, preferably when 5 to 15% of the basestock is transferred.

This sample is labeled distinctly from the first one, sealed and stored by the surveyor.

This sample is a key one for investigations in case of a claim and litigation.

		RO = Report Only				Req. = Required		
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	No Analysis

## SET 4

**Description:** First foot sample

**Sample Location:** Vessel First Foot

**Quality Test Comments:**

A 0.5 to 1-L **first foot** sample for **each compartment** to be loaded

\*Viscosity for the first compartment loaded with a grade if flushing in between different grades cannot be applied or common lines are used for different categories.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 5

**Description:** Compartment running samples

**Sample Location:** Ship Tank Individual

### Quality Test Comments:

A 0.5 to 1L **compartment running** sample after completion of loading

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Odor	[OTHER] OL-FACTORY			None	Acceptable	No	Yes	No Abnormal odor - Report if unusual odor.

## SET 6

**Description:** Vessel Composite BTT Testing

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

If all compartment samples are tested OK for appearance and odour, an average of **each grade loaded is made from the running samples** and divided into four.

The 3 other samples (1L) are labeled and sealed as retain samples. One is kept by the Surveyor, one given to the vessel Officer, one to the EM loading site. One sample (0.5 to 1 L) is analyzed according to the list of Bulk Transfer Tests as indicated in ProMIS requirements.

**/!\ Important:** The ship's departure is only allowed if the grade composite meets EM ProMIS requirements for Bulk Transfer Tests, or a waiver has been granted.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 7

**Description:** Dead bottom sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1L **dead bottom** retain sample for **each compartment** after completion of loading.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

**Invoice Instructions:**

Bill Invoice To	Item to Bill	Split	Contact / Comment
2235 - ExxonMobil Petroleum & Chemical, BV (Legal Entity: 2235 EXXONMOBIL PETROLEUM & CHEMICAL, BV (2235))	Quantity only	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y3 BTT	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y3 BTT	50%	
	Test: Appearance	50%	
	Test: Odor	50%	
	Slate: B&S EAME Y3 BTT	50%	
	Test: Retain sample -90 days	50%	
Other	Quantity only	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Appearance	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Odor	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.

**LOAD: BOW SKY (9215268) - VOPAK VLD LWH:LUB:4583 / 2235 (NETHERLANDS)**

**Inspector:** Saybolt

**Hub:** Europe/Africa/Russia/ME (International Desk Rotterdam)

**Inspection Status:** Accepted

**Created On:** 10 Mar 2021 by Christine Peij

**Coordinator:** Cora Ligt (intdesk.saynl@corelab.com)

**Last Modified:** 10 Mar 2021 by Cora Ligt

**Local Office:** Saybolt Netherland Rotterdam Chemicals  
(saybolt.rotterdam.chemical@corelab.com)

**INSPECTION REQUIREMENTS: QUALITY / QUANTITY / TIME LOG**

**Voyage Parcel External Reference Number:** 5347382-10

**Grade:** EHC 120

**ETA:** 22 Mar 2021

**ETD:**

**Supply Contract Window Start:** n/a

**Supply Contract Window End:** n/a

**Total Nominated Quantity:** 1,600 Metric tonnes

**Transport / Voyage Number / Quantity / Tolerance:** BOW SKY (9215268) / 1,600 Metric tonnes

**Contract Number:**

**Parcel Ref:**

**Destination:**

**Source Location:**

**Supplier:**

**Receiver:**

**Delivery Terms:** CFR (Cost and Freight)

**Mother Vessel:**

**Email Quantity Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com;

**Email Quality Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com;

**Load / Discharge Instructions:**

For sampling and sealing, below instructions must be followed:

- 1) Invite the owners to witness the sampling of the manifold (arm loading "beginning")/ship tanks
- 2) Jointly seal and label the samples
- 3) Issue the samples document and have it signed by the ship crew showing samples are drawn in the presence of both parties

Attn Inspector: If you cannot draw sample yourself, do accompany and witness the site operators when samples are drawn.

**Parcel Comments:**

Retain samples for 90 days.

**Quality Inspection Instructions:**

**SET 1**

**Description:** On-shore tank Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A 1-L retain sample of the **on-shore tank**, which is sealed and kept either at the loading site, or by the Surveyor. When the tank has no specific protection device against the ingress of atmospheric humidity, a low level (i.e. tank outlet level) sample is taken and confirmed B&C.

RO = Report Only

Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

**SET 2**

**Description:** Loading Arm Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A **loading arm sample** (either at vessel manifold, or if not possible at the onshore point closest to the loading arm), before loading.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes	
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
ASTM Color	[ASTM] ASTM D1500					No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes	

## SET 3

**Description:** Loading arm beginning sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1-L **loading arm "beginning"** retain sample taken during the loading, preferably when 5 to 15% of the basestock is transferred.

This sample is labeled distinctly from the first one, sealed and stored by the surveyor.

This sample is a key one for investigations in case of a claim and litigation.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	No Analysis

## SET 4

**Description:** First foot sample

**Sample Location:** Vessel First Foot

### Quality Test Comments:

A 0.5 to 1-L **first foot** sample for **each compartment** to be loaded

\*Viscosity for the first compartment loaded with a grade if flushing in between different grades cannot be applied or common lines are used for different categories.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes	
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
ASTM Color	[ASTM] ASTM D1500					No	Yes	

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes	

## SET 5

**Description:** Compartment running samples

**Sample Location:** Ship Tank Individual

### Quality Test Comments:

A 0.5 to 1L **compartment running** sample after completion of loading

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Odor	[OTHER] OL-FACTORY			None	Acceptable	No	Yes	No Abnormal odor - Report if unusual odor.

## SET 6

**Description:** Vessel Composite BTT Testing

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

If all compartment samples are tested OK for appearance and odour, an average of **each grade loaded is made from the running samples** and divided into four.

The 3 other samples (1L) are labeled and sealed as retain samples. One is kept by the Surveyor, one given to the vessel Officer, one to the EM loading site. One sample (0.5 to 1 L) is analyzed according to the list of Bulk Transfer Tests as indicated in ProMIS requirements.

**! Important:** The ship's departure is only allowed if the grade composite meets EM ProMIS requirements for Bulk Transfer Tests, or a waiver has been granted.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes	
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
ASTM Color	[ASTM] ASTM D1500					No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes	

## SET 7

**Description:** Dead bottom sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:



A 0.5 to 1L **dead bottom** retain sample for **each compartment** after completion of loading.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

**Invoice Instructions:**

Bill Invoice To	Item to Bill	Split	Contact / Comment
4583 ExxonMobil Sales & Supply (Legal Entity: 4583 Exxon-Mobil Sales & Supply (4583))	Quantity only	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Appearance	50%	
	Test: Odor	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Retain sample -90 days	50%	
Other	Quantity only	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Appearance	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Odor	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.

**LOAD: BOW SKY (9215268) - VOPAK VLD LWH:LUB:4583 / 2235 (NETHERLANDS)**

<b>Inspector:</b> Saybolt	<b>Inspection Status:</b> Accepted
<b>Hub:</b> Europe/Africa/Russia/ME (International Desk Rotterdam)	<b>Created On:</b> 10 Mar 2021 by Christine Peij
<b>Coordinator:</b> Cora Ligt (intdesk.saynl@corelab.com)	<b>Last Modified:</b> 10 Mar 2021 by Cora Ligt
<b>Local Office:</b> Saybolt Netherland Rotterdam Chemicals (saybolt.rotterdam.chemical@corelab.com)	

**INSPECTION REQUIREMENTS: QUALITY / QUANTITY / TIME LOG**

**Voyage Parcel External Reference Number:** 5347378-10  
**Grade:** AP/E CORE 2500  
**ETA:** 22 Mar 2021

**Contract Number:**  
**Parcel Ref:**

<p><b>ETD:</b></p> <p><b>Supply Contract Window Start:</b> n/a</p> <p><b>Supply Contract Window End:</b> n/a</p> <p><b>Total Nominated Quantity:</b> 350 Metric tonnes</p> <p><b>Transport / Voyage Number / Quantity / Tolerance:</b> BOW SKY (9215268) / 350 Metric tonnes</p>	<p><b>Destination:</b></p> <p><b>Source Location:</b></p> <p><b>Supplier:</b></p> <p><b>Receiver:</b></p> <p><b>Delivery Terms:</b> CFR (Cost and Freight)</p> <p><b>Mother Vessel:</b></p>
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**Email Quantity Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com

**Email Quality Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com

**Load / Discharge Instructions:**

For sampling and sealing, below instructions must be followed:

- 1) Invite the owners to witness the sampling of the manifold (arm loading "beginning")/ship tanks
- 2) Jointly seal and label the samples
- 3) Issue the samples document and have it signed by the ship crew showing samples are drawn in the presence of both parties

Attn Inspector: If you cannot draw sample yourself, do accompany and witness the site operators when samples are drawn.

**Parcel Comments:**

Retain samples for 90 days.

**Quality Inspection Instructions:**

**SET 1**

**Description:** On-shore tank Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A 1-L retain sample of the **on-shore tank**, which is sealed and kept either at the loading site, or by the Surveyor. When the tank has no specific protection device against the ingress of atmospheric humidity, a low level (i.e. tank outlet level) sample is taken and confirmed B&C.

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

**SET 2**

**Description:** Loading Arm Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A **loading arm sample** (either at vessel manifold, or if not possible at the onshore point closest to the loading arm), before loading.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 3

**Description:** Loading arm beginning sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1-L **loading arm "beginning"** retain sample taken during the loading, preferably when 5 to 15% of the basestock is transferred.

This sample is labeled distinctly from the first one, sealed and stored by the surveyor.

This sample is a key one for investigations in case of a claim and litigation.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	No Analysis

## SET 4

**Description:** First foot sample

**Sample Location:** Vessel First Foot

### Quality Test Comments:

A 0.5 to 1-L **first foot** sample for **each compartment** to be loaded

\*Viscosity for the first compartment loaded with a grade if flushing in between different grades cannot be applied or common lines are used for different categories.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 5

**Description:** Compartment running samples

**Sample Location:** Ship Tank Individual

### Quality Test Comments:

A 0.5 to 1L **compartment running** sample after completion of loading

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Odor	[OTHER] OL-FACTORY			None	Acceptable	No	Yes	No Abnormal odor - Report if unusual odor.

## SET 6

**Description:** Vessel Composite BTT Testing

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

If all compartment samples are tested OK for appearance and odour, an average of **each grade loaded is made from the running samples** and divided into four.  
 The 3 other samples (1L) are labeled and sealed as retain samples. One is kept by the Surveyor, one given to the vessel Officer, one to the EM loading site. One sample (0.5 to 1 L) is analyzed according to the list of Bulk Transfer Tests as indicated in ProMIS requirements.  
 //! **Important:** The ship's departure is only allowed if the grade composite meets EM ProMIS requirements for Bulk Transfer Tests, or a waiver has been granted.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 7

**Description:** Dead bottom sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1L **dead bottom** retain sample for **each compartment** after completion of loading.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

### Invoice Instructions:

Bill Invoice To	Item to Bill	Split	Contact / Comment
2235 - ExxonMobil Petroleum & Chemical, BV (Legal Entity: 2235 EXXONMOBIL PETROLEUM & CHEMICAL, BV (2235))	Quantity only	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y3 BTT	50%	

	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y3 BTT	50%	
	Test: Appearance	50%	
	Test: Odor	50%	
	Slate: B&S EAME Y3 BTT	50%	
	Test: Retain sample -90 days	50%	
Other	Quantity only	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Appearance	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Odor	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.

**LOAD: BOW SKY (9215268) - VOPAK VLD LWH:LUB:4583 / 2235 (NETHERLANDS)**

<b>Inspector:</b> Saybolt	<b>Inspection Status:</b> Accepted
<b>Hub:</b> Europe/Africa/Russia/ME (International Desk Rotterdam)	<b>Created On:</b> 10 Mar 2021 by Christine Peij
<b>Coordinator:</b> Cora Ligt (intdesk.saynl@corelab.com)	<b>Last Modified:</b> 10 Mar 2021 by Cora Ligt
<b>Local Office:</b> Saybolt Netherland Rotterdam Chemicals (saybolt.rotterdam.chemical@corelab.com)	

**INSPECTION REQUIREMENTS: QUALITY / QUANTITY / TIME LOG**

<b>Voyage Parcel External Reference Number:</b> 5347380-10	<b>Contract Number:</b>
<b>Grade:</b> AP/E CORE 2500	<b>Parcel Ref:</b>
<b>ETA:</b> 22 Mar 2021	<b>Destination:</b>
<b>ETD:</b>	<b>Source Location:</b>
<b>Supply Contract Window Start:</b> n/a	<b>Supplier:</b>
<b>Supply Contract Window End:</b> n/a	<b>Receiver:</b>
<b>Total Nominated Quantity:</b> 400 Metric tonnes	<b>Delivery Terms:</b> CFR (Cost and Freight)
<b>Transport / Voyage Number / Quantity / Tolerance:</b> BOW SKY (9215268) / 400 Metric tonnes	<b>Mother Vessel:</b>

**Email Quantity Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com

**Email Quality Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com

## Load / Discharge Instructions:

For sampling and sealing, below instructions must be followed:

- 1) Invite the owners to witness the sampling of the manifold (arm loading "beginning")/ship tanks
- 2) Jointly seal and label the samples
- 3) Issue the samples document and have it signed by the ship crew showing samples are drawn in the presence of both parties

Attn Inspector: If you cannot draw sample yourself, do accompany and witness the site operators when samples are drawn.

## Parcel Comments:

Retain samples for 90 days.

## Quality Inspection Instructions:

### SET 1

**Description:** On-shore tank Sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 1-L retain sample of the **on-shore tank**, which is sealed and kept either at the loading site, or by the Surveyor. When the tank has no specific protection device against the ingress of atmospheric humidity, a low level (i.e. tank outlet level) sample is taken and confirmed B&C.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

### SET 2

**Description:** Loading Arm Sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A **loading arm sample** (either at vessel manifold, or if not possible at the onshore point closest to the loading arm), before loading.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

### SET 3

**Description:** Loading arm beginning sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1-L **loading arm "beginning"** retain sample taken during the loading, preferably when 5 to 15% of the basestock is transferred.

This sample is labeled distinctly from the first one, sealed and stored by the surveyor.

This sample is a key one for investigations in case of a claim and litigation.

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	No Analysis

## SET 4

**Description:** First foot sample

**Sample Location:** Vessel First Foot

### Quality Test Comments:

A 0.5 to 1-L **first foot** sample for **each compartment** to be loaded

\*Viscosity for the first compartment loaded with a grade if flushing in between different grades cannot be applied or common lines are used for different categories.

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 5

**Description:** Compartment running samples

**Sample Location:** Ship Tank Individual

### Quality Test Comments:

A 0.5 to 1L **compartment running** sample after completion of loading

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Odor	[OTHER] OL-FACTORY			None	Acceptable	No	Yes	No Abnormal odor - Report if unusual odor.

## SET 6

**Description:** Vessel Composite BTT Testing

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

If all compartment samples are tested OK for appearance and odour, an average of **each grade loaded is made from the running samples** and divided into four.

The 3 other samples (1L) are labeled and sealed as retain samples. One is kept by the Surveyor, one given to the vessel Offi-

cer, one to the EM loading site. One sample (0.5 to 1 L) is analyzed according to the list of Bulk Transfer Tests as indicated in ProMIS requirements.

**Important:** The ship's departure is only allowed if the grade composite meets EM ProMIS requirements for Bulk Transfer Tests, or a waiver has been granted.

RO = Report Only      Req. = Required								
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates).
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OLFACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 7

**Description:** Dead bottom sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1L **dead bottom** retain sample for **each compartment** after completion of loading.

RO = Report Only      Req. = Required								
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

### Invoice Instructions:

Bill Invoice To	Item to Bill	Split	Contact / Comment
2235 - ExxonMobil Petroleum & Chemical, BV (Legal Entity: 2235 EXXONMOBIL PETROLEUM & CHEMICAL, BV (2235))	Quantity only	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y3 BTT	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y3 BTT	50%	
	Test: Appearance	50%	
	Test: Odor	50%	
	Slate: B&S EAME Y3 BTT	50%	
	Test: Retain sample -90 days	50%	
Other	Quantity only	50%	For invoicing, customer details as per separate load order e-mail.



	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Appearance	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Odor	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y3 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.

**LOAD: BOW SKY (9215268) - VOPAK VLD LWH:LUB:4583 / 2235 (NETHERLANDS)**

**Inspector:** Saybolt  
**Hub:** Europe/Africa/Russia/ME (International Desk Rotterdam)  
**Coordinator:** Cora Ligt (intdesk.saynl@corelab.com)  
**Local Office:** Saybolt Netherland Rotterdam Chemicals (saybolt.rotterdam.chemical@corelab.com)

**Inspection Status:** Accepted  
**Created On:** 10 Mar 2021 by Christine Peij  
**Last Modified:** 10 Mar 2021 by Cora Ligt

**INSPECTION REQUIREMENTS: QUALITY / QUANTITY / TIME LOG**

**Voyage Parcel External Reference Number:** 5347383-10

**Grade:** EHC 120  
**ETA:** 22 Mar 2021  
**ETD:**

**Supply Contract Window Start:** n/a  
**Supply Contract Window End:** n/a  
**Total Nominated Quantity:** 590 Metric tonnes

**Transport / Voyage Number / Quantity / Tolerance:** BOW SKY (9215268) / 590 Metric tonnes

**Contract Number:**

**Parcel Ref:**

**Destination:**

**Source Location:**

**Supplier:**

**Receiver:**

**Delivery Terms:** CFR (Cost and Freight)

**Mother Vessel:**

**Email Quantity Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com;

**Email Quality Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com;

**Load / Discharge Instructions:**

For sampling and sealing, below instructions must be followed:

- 1) Invite the owners to witness the sampling of the manifold (arm loading "beginning")/ship tanks
- 2) Jointly seal and label the samples
- 3) Issue the samples document and have it signed by the ship crew showing samples are drawn in the presence of both parties

Attn Inspector: If you cannot draw sample yourself, do accompany and witness the site operators when samples are drawn.

**Parcel Comments:**

Retain samples for 90 days.

**Quality Inspection Instructions:**

**SET 1**

**Description:** On-shore tank Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A 1-L retain sample of the **on-shore tank**, which is sealed and kept either at the loading site, or by the Surveyor. When the tank has no specific protection device against the ingress of atmospheric humidity, a low level (i.e. tank outlet level) sample is taken and confirmed B&C.

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Additional Tests								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

**SET 2**

**Description:** Loading Arm Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A **loading arm sample** (either at vessel manifold, or if not possible at the onshore point closest to the loading arm), before loading.

						RO = Report Only		Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment	
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)	
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes		
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes		
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes		
ASTM Color	[ASTM] ASTM D1500					No	Yes		
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes		

**SET 3**

**Description:** Loading arm beginning sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A 0.5 to 1-L **loading arm "beginning"** retain sample taken during the loading, preferably when 5 to 15% of the basestock is transferred. This sample is labeled distinctly from the first one, sealed and stored by the surveyor. This sample is a key one for investigations in case of a claim and litigation.

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Additional Tests								
Retain sample -90 days	[OTHER] n/a					Yes	No	No Analysis

**SET 4**

**Description:** First foot sample

**Sample Location:** Vessel First Foot

**Quality Test Comments:**

A 0.5 to 1-L **first foot** sample for **each compartment** to be loaded

\*Viscosity for the first compartment loaded with a grade if flushing in between different grades cannot be applied or common lines are used for different categories.

RO = Report Only

Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes	
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
ASTM Color	[ASTM] ASTM D1500					No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes	

**SET 5**

**Description:** Compartment running samples

**Sample Location:** Ship Tank Individual

**Quality Test Comments:**

A 0.5 to 1L **compartment running** sample after completion of loading

RO = Report Only

Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Odor	[OTHER] OL-FACTORY			None	Acceptable	No	Yes	No Abnormal odor - Report if unusual odor.

**SET 6**

**Description:** Vessel Composite BTT Testing

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

If all compartment samples are tested OK for appearance and odour, an average of **each grade loaded is made from the running samples** and divided into four.

The 3 other samples (1L) are labeled and sealed as retain samples. One is kept by the Surveyor, one given to the vessel Officer, one to the EM loading site. One sample (0.5 to 1 L) is analyzed according to the list of Bulk Transfer Tests as indicated in ProMIS requirements.

**!/\ Important:** The ship's departure is only allowed if the grade composite meets EM ProMIS requirements for Bulk Transfer Tests, or a waiver has been granted.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes	
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
ASTM Color	[ASTM] ASTM D1500					No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes	

## SET 7

**Description:** Dead bottom sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1L **dead bottom** retain sample for **each compartment** after completion of loading.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

### Invoice Instructions:

Bill Invoice To	Item to Bill	Split	Contact / Comment
4583 ExxonMobil Sales & Supply (Legal Entity: 4583 Exxon-Mobil Sales & Supply (4583))	Quantity only	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Appearance	50%	
	Test: Odor	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Retain sample -90 days	50%	
Other	Quantity only	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.

TRIP: AF21045

21E563724 VER 1 (ISSUED)

	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Appearance	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Odor	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.

**LOAD: BOW SKY (9215268) - VOPAK VLD LWH:LUB:4583 / 2235 (NETHERLANDS)**

**Inspector:** Saybolt  
**Hub:** Europe/Africa/Russia/ME (International Desk Rotterdam)  
**Coordinator:** Cora Ligt (intdesk.saynl@corelab.com)  
**Local Office:** Saybolt Netherland Rotterdam Chemicals (saybolt.rotterdam.chemical@corelab.com)

**Inspection Status:** Accepted  
**Created On:** 10 Mar 2021 by Christine Peij  
**Last Modified:** 10 Mar 2021 by Cora Ligt

**INSPECTION REQUIREMENTS: QUALITY / QUANTITY / TIME LOG**

**Voyage Parcel External Reference Number:** 5347381-10  
**Grade:** EHC 50  
**ETA:** 22 Mar 2021  
**ETD:**  
**Supply Contract Window Start:** n/a  
**Supply Contract Window End:** n/a  
**Total Nominated Quantity:** 2,400 Metric tonnes  
**Transport / Voyage Number / Quantity / Tolerance:** BOW SKY (9215268) / 2,400 Metric tonnes

**Contract Number:**  
**Parcel Ref:**  
**Destination:**  
**Source Location:**  
**Supplier:**  
**Receiver:**  
**Delivery Terms:** CFR (Cost and Freight)  
**Mother Vessel:**

**Email Quantity Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com;

**Email Quality Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com;

**Load / Discharge Instructions:**

For sampling and sealing, below instructions must be followed:

- 1) Invite the owners to witness the sampling of the manifold (arm loading "beginning")/ship tanks
- 2) Jointly seal and label the samples
- 3) Issue the samples document and have it signed by the ship crew showing samples are drawn in the presence of both parties

Attn Inspector: If you cannot draw sample yourself, do accompany and witness the site operators when samples are drawn.

**Parcel Comments:**

Retain samples for 90 days.

**Quality Inspection Instructions:**

**SET 1**

**Description:** On-shore tank Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A 1-L retain sample of the **on-shore tank**, which is sealed and kept either at the loading site, or by the Surveyor. When the tank has no specific protection device against the ingress of atmospheric humidity, a low level (i.e. tank outlet level) sample is taken and confirmed B&C.

		RO = Report Only		Req. = Required				
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

## SET 2

**Description:** Loading Arm Sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A **loading arm sample** (either at vessel manifold, or if not possible at the onshore point closest to the loading arm), before loading.

		RO = Report Only		Req. = Required				
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes	
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
ASTM Color	[ASTM] ASTM D1500					No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes	

## SET 3

**Description:** Loading arm beginning sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1-L **loading arm "beginning"** retain sample taken during the loading, preferably when 5 to 15% of the basestock is transferred.

This sample is labeled distinctly from the first one, sealed and stored by the surveyor.

This sample is a key one for investigations in case of a claim and litigation.

		RO = Report Only		Req. = Required				
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	No Analysis

## SET 4

**Description:** First foot sample

**Sample Location:** Vessel First Foot

### Quality Test Comments:

A 0.5 to 1-L **first foot** sample for **each compartment** to be loaded

\*Viscosity for the first compartment loaded with a grade if flushing in between different grades cannot be applied or common lines are used for different categories.

RO = Report Only

Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes	
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
ASTM Color	[ASTM] ASTM D1500					No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes	

## SET 5

**Description:** Compartment running samples

**Sample Location:** Ship Tank Individual

### Quality Test Comments:

A 0.5 to 1L **compartment running** sample after completion of loading

RO = Report Only

Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)
Odor	[OTHER] OL-FACTORY			None	Acceptable	No	Yes	No Abnormal odor - Report if unusual odor.

## SET 6

**Description:** Vessel Composite BTT Testing

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

If all compartment samples are tested OK for appearance and odour, an average of **each grade loaded is made from the running samples** and divided into four.

The 3 other samples (1L) are labeled and sealed as retain samples. One is kept by the Surveyor, one given to the vessel Officer, one to the EM loading site. One sample (0.5 to 1 L) is analyzed according to the list of Bulk Transfer Tests as indicated in ProMIS requirements.

**!! Important:** The ship's departure is only allowed if the grade composite meets EM ProMIS requirements for Bulk Transfer Tests, or a waiver has been granted.

RO = Report Only

Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> / s		No	Yes	
Color (Say-bolt)	[ASTM] ASTM D156					No	Yes	
Kinematic Viscosity at 40°C	[ASTM] ASTM D445			mm <sup>2</sup> / s		No	Yes	
ASTM Color	[ASTM] ASTM D1500					No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor	No	Yes	

## SET 7

**Description:** Dead bottom sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1L **dead bottom** retain sample for **each compartment** after completion of loading.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

### Invoice Instructions:

Bill Invoice To	Item to Bill	Split	Contact / Comment
4583 ExxonMobil Sales & Supply (Legal Entity: 4583 Exxon-Mobil Sales & Supply (4583))	Quantity only	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Appearance	50%	
	Test: Odor	50%	
	Slate: B&S EAME Y4 (A&B) BTT	50%	
	Test: Retain sample -90 days	50%	
Other	Quantity only	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.



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	Test: Appearance	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Odor	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y4 (A&B) BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.

**LOAD: BOW SKY (9215268) - VOPAK VLD LWH:LUB:4583 / 2235 (NETHERLANDS)**

**Inspector:** Saybolt  
**Hub:** Europe/Africa/Russia/ME (International Desk Rotterdam)  
**Coordinator:** Cora Ligt (intdesk.saynl@corelab.com)  
**Local Office:** Saybolt Netherland Rotterdam Chemicals (saybolt.rotterdam.chemical@corelab.com)  
**Inspection Status:** Accepted  
**Created On:** 10 Mar 2021 by Christine Peij  
**Last Modified:** 10 Mar 2021 by Cora Ligt

**INSPECTION REQUIREMENTS: QUALITY / QUANTITY / TIME LOG**

**Voyage Parcel External Reference Number:** 5347379-10  
**Grade:** AP/E CORE 150  
**ETA:** 22 Mar 2021  
**ETD:**  
**Supply Contract Window Start:** n/a  
**Supply Contract Window End:** n/a  
**Total Nominated Quantity:** 600 Metric tonnes  
**Transport / Voyage Number / Quantity / Tolerance:** BOW SKY (9215268) / 600 Metric tonnes  
**Contract Number:**  
**Parcel Ref:**  
**Destination:**  
**Source Location:**  
**Supplier:**  
**Receiver:**  
**Delivery Terms:** CFR (Cost and Freight)  
**Mother Vessel:**

**Email Quantity Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com;

**Email Quality Results To:**

am.vlaardingen@vopak.com; basestocks@exxonmobil.com; BO-Rot-Terminal@exxonmobil.com; es-up.inspection@exxonmobil.com;

**Load / Discharge Instructions:**

For sampling and sealing, below instructions must be followed:

- 1) Invite the owners to witness the sampling of the manifold (arm loading "beginning")/ship tanks
- 2) Jointly seal and label the samples
- 3) Issue the samples document and have it signed by the ship crew showing samples are drawn in the presence of both parties

Attn Inspector: If you cannot draw sample yourself, do accompany and witness the site operators when samples are drawn.

**Parcel Comments:**

Retain samples for 90 days.

**Quality Inspection Instructions:**

**SET 1**

**Description:** On-shore tank Sample

**Sample Location:** Other (Specify in Comments)

**Quality Test Comments:**

A 1-L retain sample of the **on-shore tank**, which is sealed and kept either at the loading site, or by the Surveyor. When the tank has no specific protection device against the ingress of atmospheric humidity, a low level (i.e. tank outlet level) sample is taken and confirmed B&C.

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Additional Tests								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

## SET 2

**Description:** Loading Arm Sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A **loading arm sample** (either at vessel manifold, or if not possible at the onshore point closest to the loading arm), before loading.

						RO = Report Only		Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment	
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)	
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes		
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes		

## SET 3

**Description:** Loading arm beginning sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1-L **loading arm "beginning"** retain sample taken during the loading, preferably when 5 to 15% of the basestock is transferred.

This sample is labeled distinctly from the first one, sealed and stored by the surveyor.

This sample is a key one for investigations in case of a claim and litigation.

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Additional Tests								
Retain sample -90 days	[OTHER] n/a					Yes	No	No Analysis

## SET 4

**Description:** First foot sample

**Sample Location:** Vessel First Foot

### Quality Test Comments:

A 0.5 to 1-L **first foot** sample for **each compartment** to be loaded

\*Viscosity for the first compartment loaded with a grade if flushing in between different grades cannot be applied or common lines are used for different categories.

						RO = Report Only		Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment	
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature: Clear & Bright (no haze, no free water, no particulates)	
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes		

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 5

**Description:** Compartment running samples

**Sample Location:** Ship Tank Individual

### Quality Test Comments:

A 0.5 to 1L **compartment running** sample after completion of loading

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
<b>Additional Tests</b>								
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature:Clear & Bright (no haze, no free water, no particulates)
Odor	[OTHER] OL-FACTORY			None	Acceptable	No	Yes	No Abnormal odor - Report if unusual odor.

## SET 6

**Description:** Vessel Composite BTT Testing

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

If all compartment samples are tested OK for appearance and odour, an average of **each grade loaded is made from the running samples** and divided into four.

The 3 other samples (1L) are labeled and sealed as retain samples. One is kept by the Surveyor, one given to the vessel Officer, one to the EM loading site. One sample (0.5 to 1 L) is analyzed according to the list of Bulk Transfer Tests as indicated in ProMIS requirements.

**! Important:** The ship's departure is only allowed if the grade composite meets EM ProMIS requirements for Bulk Transfer Tests, or a waiver has been granted.

RO = Report Only Req. = Required

Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Appearance	[OTHER] Visual				C&B	No	Yes	Appearance at ambient temperature:Clear & Bright (no haze, no free water, no particulates)
Kinematic Viscosity at 100°C	[ASTM] ASTM D445			mm <sup>2</sup> /s		No	Yes	
Odor	[OTHER] OL-FACTORY			None	No abnormal odor. Report if unusual odor.	No	Yes	

## SET 7

**Description:** Dead bottom sample

**Sample Location:** Other (Specify in Comments)

### Quality Test Comments:

A 0.5 to 1L **dead bottom** retain sample for **each compartment** after completion of loading.

						RO = Report Only	Req. = Required	
Test	Methods	Min	Max	UOM	Typical	R.O.	Req.	Comment
Additional Tests								
Retain sample -90 days	[OTHER] n/a					Yes	No	NO Analysis

**Invoice Instructions:**

Bill Invoice To	Item to Bill	Split	Contact / Comment
2235 - ExxonMobil Petroleum & Chemical, BV (Legal Entity: 2235 EXXONMOBIL PETROLEUM & CHEMICAL, BV (2235))	Quantity only	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y2 BTT	50%	
	Test: Retain sample -90 days	50%	
	Slate: B&S EAME Y2 BTT	50%	
	Test: Appearance	50%	
	Test: Odor	50%	
	Slate: B&S EAME Y2 BTT	50%	
	Test: Retain sample -90 days	50%	
Other	Quantity only	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y2 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y2 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Appearance	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Odor	50%	For invoicing, customer details as per separate load order e-mail.
	Slate: B&S EAME Y2 BTT	50%	For invoicing, customer details as per separate load order e-mail.
	Test: Retain sample -90 days	50%	For invoicing, customer details as per separate load order e-mail.

## NOMINATION COMMENTS

**Inspection Appointment:**

Load Inspection Checklist Cost Share - 50% EMS&S for EHC 50/120.  
Inspector to communicate to Operator (Scheduler) if shore line, shore line manifold, or shore tanks not suitable for discharge .

**Additional Comments:**

Terminals/ Refineries and inspectors to confirm cargo orders and to verify that nominated equipment, cargo, and terminal match are correct for the intended transfer. In the event of ANY discrepancies, please contact scheduler (operator listed above). No transfers shall begin until all discrepancies have been cleared via issuing of new orders.

**Framework Agreement Reference:**

Activities provided by the Inspection Company under this nomination shall be performed in accordance with ExxonMobil Global Inspection Contract (GIC), effective July 2019 to June 2026, Exhibit C, Schedule E. Please ensure all quality testing is completed at ExxonMobil approved lab unless specified not to. If there are any questions about this, contact the undersigned.

**Recipient List:**

intdesk.saynl@corelab.com; saybolt.rotterdam.chemical@corelab.com

REPORT GENERATED 10 MAR 2021