



**AmSpec Iberia S.L.Unipersonal**

**Las Palmas Laboratory**

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CIF: B72083769

**ANALYTICAL REPORT**

Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 3925/1
*Label: AMSPEC	O/ Ref: 647-23-00207
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GOA	Sample Package: 1 x 1L CAN
*Seal N°: N/A	Seal N°: N/A
*Identification: SHORE TANK 101: T0523101 LADY RINA	Date of reception: 26/04/2023
*Sampling date: 25/04/2023	Date Analysis started: 26/04/2023
*Sampled by: AMSPEC	Date Analysis completed: 27/04/2023
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOIL

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	kg/m <sup>3</sup>	ISO 12185:1996/Cor.1:2001	839,0		
Kinematic viscosity at 40 °C (Procedure A)	mm <sup>2</sup> /s	ISO 3104:2020	2,483		
Sulphur content	mg/kg	ISO 13032:2012	9,0		
Distillation	°C	ASTM D86 - 20b			
65% Recovered			289,1		
85% Recovered			322,1		
95% Recovered			348,2		
F.B.P.			355,5		
Flash point (Proced. A - Electric ignitor)	°C	ISO 2719:2016	57,0		(I)
Water KF	mg/kg	ISO 12937:2000	97		
Copper corrosion, 3h 50°C	-	ASTM D130 - 19	1a		
Conductivity	pS/m	ASTM D2624 - 21	102		(II)
Fame Content	% (v/v)	UNE EN 14078:2014Cor.2015	6,9		(B)
CFPP	°C	UNE EN 116:2015	-15		

(I) 101,2 Kpa; Absolute Barometric Pressure.  
(II) Test performed at 23,2 °C

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Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.  
The samples will be kept for a period of three months.  
Estimated uncertainties are not included in the report, however they are available upon customer request.  
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\*Test marked with B has been performed at Cartagena AmSpec Laboratory\*

The samples have been taken in accordance with the EN ISO 3170 or EN ISO 3171 Standards, and/or in accordance with the national standards or regulations for taking samples of the tested product

Date of Report 27/04/2023  
Name/s Ignacio Sánchez  
Signature/s Chief Analyst





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 CIF: B72083769

**ANALYTICAL REPORT**

Sample Information	Laboratory Information
*Y/ Ref: N/A	Job Number: 3926/1
*Label: AMSPEC	O/ Ref: 647-23-00207
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GOA	Sample Package: 1 x 1L CAN
*Seal N°: N/A	Seal N°: N/A
*Identification: SHORE TANK 102: T0423102 LADY RINA	Date of reception: 26/04/2023
*Sampling date: 25/04/2023	Date Analysis started: 26/04/2023
*Sampled by: AMSPEC	Date Analysis completed: 27/04/2023
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOIL

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	kg/m <sup>3</sup>	ISO 12185:1996/Cor.1:2001	841,7		
Kinematic viscosity at 40 °C.(Procedure A)	mm <sup>2</sup> /s	ISO 3104:2020	2,558		
Sulphur content	mg/kg	ISO 13032:2012	9,7		
Distillation	°C	ASTM D86 - 20b			
65% Recovered			290,5		
85% Recovered			321,8		
95% Recovered			345,8		
F.B.P.			355,6		
Flash point (Proced. A - Electric Ignitor)	°C	ISO 2719:2016	59,0		(I)
Water KF	mg/kg	ISO 12937:2000	93		
Copper corrosion, 3h 50°C	-	ASTM D130 - 19	1a		
Conductivity	µS/m	ASTM D2624 - 21	121		(II)
Fame Content	% (v/v)	UNE EN 14078:2014Cor.2015	6,8		(B)
CFPP	°C	UNE EN 116:2015	-12		

(I) 101,2 Kpa; Absolute Barometric Pressure.

(II) Test performed at 23,2 °C

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*The samples will be kept for a period of three months.*

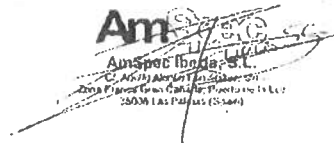
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*The samples have been taken in accordance with the EN ISO 3170 or EN ISO 3171 Standards, and/or in accordance with the national standards or regulations for taking samples of the tested product*

Date of Report 27/04/2023  
 Name/s Ignacio Sánchez  
 Signature/s Chief Analyst





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CIF: B72083769

### ANALYTICAL REPORT

Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 3927/1
*Label: AMSPEC	O/ Ref: 647-23-00207
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GNA 95	Sample Package: 1 x 1L CAN
*Seal N°: N/A	Seal N°: N/A
*Identification: SHORE TANK 211: T0523211 LADY RINA	Date of reception: 26/04/2023
*Sampling date: 25/04/2023	Date Analysis started: 26/04/2023
*Sampled by: AMSPEC	Date Analysis completed: 27/04/2023
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOLINE

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	kg/m <sup>3</sup>	ISO 12185:1996/Cor.1:2001	731,7		
DVPE	Kpa	UNE EN 13016-1:2018	57,0		
Distillation	°C	ASTM D86 - 20b			
Evap at 70°C	%(v/v)		35,0		
Evap at 100°C	%(v/v)		64,6		
Evap at 150°C	%(v/v)		94,8		
F.B.P.	°C		169,2		
Residue	%(v/v)		1,0		
Sulphur content	mg/kg	ISO 13032:2012	8,5		
Lead	g/L	UNE EN 237:2005	<0,0025		(B)
Copper corrosion, 3h 50°C	-	ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	ISO 6246:2017/AMD1:2019	<0,5		(B)
Appearance	VISUAL	ASTM D4176 - 22	C&B		(I)

(I) Test performed at 22,4 °C

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Date of Report

Name/s

Signature/s

27/04/2023

Ignacio Sánchez

Chief Analyst

AmSpec Iberia S.L.

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**ANALYTICAL REPORT**

Sample information	Laboratory Information
*V/ Ref: N/A	Job Number: 3928/1
*Label: AMSPEC	O/ Ref: 647-23-00207
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GNA 95	Sample Package: 1 x 1L CAN
*Seal N°: N/A	Seal N°: N/A
*Identification: SHORE TANK 311: T0523311 LADY RINA	Date of reception: 26/04/2023
*Sampling date: 25/04/2023	Date Analysis started: 26/04/2023
*Sampled by: AMSPEC	Date Analysis completed: 27/04/2023
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOLINE

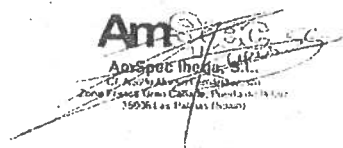
Parameter	Units	Method	Result	Limit	Note
Density at 15°C	kg/m <sup>3</sup>	ISO 12185:1996/Cor.1:2001	725,9		
DVPE	Kpa	UNE EN 13016-1:2018	56,6		
Distillation	°C	ASTM D86 - 20b			
Evap at 70°C	%(v/v)		38,5		
Evap at 100°C	%(v/v)		66,3		
Evap at 150°C	%(v/v)		94,8		
F.B.P.	°C		167,2		
Residue	%(v/v)		1,0		
Sulphur content	mg/kg	ISO 13032:2012	8,3		
Lead	g/L	UNE EN 237:2005	<0,0025		(B)
Copper corrosion, 3h 50°C	-	ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	ISO 6246:2017/AMD1:2019	<0,5		(B)
Appearance	VISUAL	ASTM D4176 - 22	C&B		(I)

(I) Test performed at 23,0 °C

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 Name/s: Ignacio Sánchez  
 Signature/s: Chief Analyst





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CIF : 672083769

ANALYTICAL REPORT

Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 3929/1
*Label: AMSPEC	O/ Ref: 647-23-00207
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GNA 98	Sample Package: 1 x 1L CAN
*Seal N°: N/A	Seal N°: N/A
*Identification: SHORE TANK 212: T0423212 LADY R/NA	Date of reception: 26/04/2023
*Sampling date: 25/04/2023	Date Analysis started: 26/04/2023
*Sampled by: AMSPEC	Date Analysis completed: 27/04/2023
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOLINE

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	kg/m <sup>3</sup>	ISO 12185:1996/Cor.1:2001	740,9		
DVPE	Kpa	UNE EN 13016-1:2018	59,2		
Distillation	°C	ASTM D86 - 20b			
Evap at 70°C	%(v/v)		36,2		
Evap at 100°C	%(v/v)		64,1		
Evap at 150°C	%(v/v)		94,5		
F.B.P.	°C		173,7		
Residue	%(v/v)		1,0		
Sulphur content	mg/kg	ISO 18032:2012	6,5		
Lead	g/L	UNE EN 237:2005	<0,0025		(B)
Copper corrosion, 3h 50°C		ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	ISO 6246:2017/AMD1:2019	<0,5		(B)
Appearance	VISUAL	ASTM D4176 - 22	C&B		(I)

(I) Test performed at 22,6 °C

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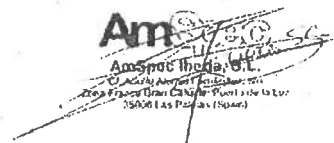
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**ANALYTICAL REPORT**

Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 3930/1
*Label: AMSPEC	O/ Ref: 647-23-00207
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GNA 98	Sample Package: 1 x 1L CAN
*Seal N°: N/A	Seal N°: N/A
*Identification: SHORE TANK 312: T0323312 LADY RIMA	Date of reception: 26/04/2023
*Sampling date: 25/04/2023	Date Analysis started: 26/04/2023
*Sampled by: AMSPEC	Date Analysis completed: 27/04/2023
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOLINE

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	kg/m <sup>3</sup>	ISO 12185:1996/Cor.1:2001	737,5		
DVPE	Kpa	UNE EN 13016-1:2018	59,1		
Distillation	°C	ASTM D86 - 20b			
Evap at 70°C	%(v/v)		39,8		
Evap at 100°C	%(v/v)		65,0		
Evap at 150°C	%(v/v)		93,8		
F.B.P.	°C		171,3		
Residue	%(v/v)		1,0		
Sulphur content	mg/kg	ISO 13032:2012	6,1		
Lead	g/L	UNE EN 237:2005	<0,0025		(B)
Copper corrosion, 3h 50°C	-	ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	ISO 6246:2017/AMD1:2019	<0,5		(B)
Appearance	VISUAL	ASTM D4176 - 22	C&B		(I)

(I) Test performed at 22,6 °C

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Name/s: Ignacio Sánchez  
Signature/s: Chief Analyst

