



AmSpec Iberia S.L.Unipersonal

Las Palmas Laboratory

C/Adolfo Alonso Fernández s/n (Parr. P16) Zona Franca Gran Canaria, Puerto de la Luz C.P.: 35006 Las Palmas (Spain)
Telephone: +34 615908688 E-mail: las.palmas.lab@amspecgroup.com
CF : 872061700

ANALYTICAL REPORT

Table with 2 columns: Sample Information and Laboratory Information. Includes fields for Ref, Label, Origin, Grade, Seal, Identification, Sampling date, Sampled by, Description, Job Number, O/Ref, Label, Sample Package, Seal, Date of reception, Date Analysis started, Date Analysis completed, and Description.

Main analytical results table with columns: Parameter, Units, Method, Result, Limit, Note. Rows include Density at 15°C, Kinematic viscosity at 40 °C, Sulphur content, Distillation (65%, 85%, 95% Recovered, F.B.P.), Flash point, Water KF, Copper corrosion, Conductivity, Fume Content, and CFPP.

(i) 101,6 Kpa; Absolute Barometric Pressure.

(ii) Test performed at 23,3°C

\*The laboratory is not responsible of the information provided by the customer, sample owner or the taker.
The test results shown on this report affect only to the samples received in this laboratory, as they were received, and not necessarily to the whole from which these samples were drawn.
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.
This report cannot be partially reproduced without the written approval of the Issuing laboratory.
\*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: 09/03/2023
Name/s: Ignacio Sánchez
Signature/s: Chief Analyst





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C/Adolfo Alonso Fernández s/n (Parc. P16) Zona Franca Gran Canaria, Puerto de la Luz C.P.: 35008 Las Palmas (Spain)  
 Telephone: +34 615 906 688 E-mail: laspalmas.lab@amspecgroup.com  
 CIF: B72083769

**ANALYTICAL REPORT**

Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 3694/1
*Label: AMSPEC	Of Ref: 647-23-00101
*Origin: TERMINALES CAHARIOS - TENERIFE	Label: AMSPEC
*Grade: SUMMER GNA 95	Sample Package: 1 x 1L CAN
*Seal N°: N/A	Seal N°: N/A
*Identification: SHORE TANK 211: T0323211 CASTILLO DE ARTEAGA	Date of reception: 03/03/2023
*Sampling date: 02/03/2023	Date Analysis started: 03/03/2023
*Sampled by: AMSPEC	Date Analysis completed: 09/03/2023
*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	745,2		
DVPE	Psi	UNE EN 13016-1:2018	58,5		
Distillation	°C	ASTM D86 - 20b			
Evap at 70°C	%(v/v)		32,8		
Evap at 100°C	%(v/v)		61,5		
Evap at 150°C	%(v/v)		94,5		
F.B.P.	°C		169,9		
Residue	%(v/v)		1,0		
Sulphur content	mg/kg	ISO 13032:2012	8,6		
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 23,3°C

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 C/Adolfo Alonso Fernández s/n  
 Zona Franca Gran Canaria - Puerto de la Luz  
 35008 Las Palmas (Spain)



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Las Palmas Laboratory

C/Adolfo Alonso Fernández s/n (Parc. P16) Zona Franca Gran Canaria, Puerto de la Luz C.P.: 35008 Las Palmas (Spain)

Telephone: +34 615508480 E-mail: laspalmas.lab@amspecgroup.com

CF : 072003700

ANALYTICAL REPORT

Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 3695/1
*Label: AMSPEC	O/ Ref: 647-23-00101
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: SUMMER GNA 95	Sample Package: 1 x 1L CAN
*Seal N°: N/A	Seal N°: N/A
*Identification: SHORE TANK 311: T0323311 CASTRULO DE ARTEAGA	Date of reception: 03/03/2023
*Sampling date: 02/03/2023	Date Analysis started: 03/03/2023
*Sampled by: AMSPEC	Date Analysis completed: 09/03/2023
*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	740,7		
DVPE	Psi	UNE EN 15016-1:2018	63,2		
Distillation		ASTM D86 - 20b			
	Evap at 70°C	%(v/v)	33,9		
	Evap at 100°C	%(v/v)	62,1		
	Evap at 150°C	%(v/v)	94,0		
	F.B.P.	°C		171,1	
Residue	%(v/v)		1,0		
Sulphur content	mg/kg	ISO 13052:2012	9,3		
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	<0,05		(B)
Appearance	VISUAL	ASTM D4176 - 22	C&B		(I)

(I) Test performed at 23,3°C

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 Name/s Ignacio Sánchez  
 Signature/s Chief Analyst

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 C/Adolfo Alonso Fernández s/n  
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 35008 Las Palmas (Spain)



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C/Adolfo Alonso Fernández s/n (Parc. P16) Zona Franca Gran Canaria, Puerto de la Luz C.P.: 35008 Las Palmas (Spain)

Telephone: +34 815306488 E-mail: laspalmas.lab@amspecgroup.com

CF : 872083768

### ANALYTICAL REPORT

Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 3801/1
*Label: AMSPEC	O/ Ref: 647-23-00160
*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: T0323102 VORIAS	Date of reception: 29/03/2023
*Sampling date: 28/03/2023	Date Analysis started: 29/03/2023
*Sampled by: AMSPEC	Date Analysis completed: 01/04/2023
*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	839,7		
Kinematic viscosity at 40 °C (Procedure A)	mm <sup>2</sup> /s	ISO 3104:2020	2,435		
Sulphur content	mg/kg	ISO 13032:2012	8,3		
Distillation	°C	ASTM D86 - 20b			(B)
65% Recovered			291,3		
85% Recovered			321,5		
95% Recovered			344,0		
F.B.P.			358,2		
Flash point (Proced. A - Electric Ignitor)	°C	ISO 2719:2016	58,0		(I)
Water KF	mg/kg	ISO 12937:2000	120		
Copper corrosion, 3h 50°C	-	ASTM D130 - 19	1a		
Conductivity	pS/m	ASTM D2624 - 21	86		(II)
Fame Content	% (v/v)	UNE EN 14078:2014Cor.2015	7,0		(B)
CFPP	°C	UNE EN 116:2015	-16		

(I) 101,8 Kpa; Absolute Barometric Pressure.

(II) Test performed at 23,3 °C

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Date of Report  
Name/s  
Signature/s

03/04/2023  
Laura Cabrera  
Chief Analyst & Quality Assistant

**AmSpec**  
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C/ Adolfo Alonso Fernández s/n  
Zona Franca Gran Canaria, Puerto de la Luz  
35008 Las Palmas (Spain)



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CF : 072083769

## ANALYTICAL REPORT - PROGRESS 2

Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 3803/1
*Label: AMSPEC	Q/ Ref: 647-23-00160
*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: T0423311 VORIAS	Date of reception: 29/03/2023
*Sampling date: 28/03/2023	Date Analysis started: 29/03/2023
*Sampled by: AMSPEC	Date Analysis completed:
*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	728,5		
DVPE	Kpa	UNE EN 13016-1:2018	56,6		
Distillation		ASTM D86 - 20b			
	Evap at 70°C	%(v/v)	In progress		
	Evap at 100°C	%(v/v)	In progress		
	Evap at 150°C	%(v/v)	In progress		
	F.B.P.	°C	In progress		
Residue	%(v/v)	In progress			
Sulphur content	mg/kg	ISO 13032:2012	7,4		
Lead	g/L	UNE EN 237:2005	In progress		
Copper corrosion, 3h 50°C	-	ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	ISO 6246:2017/AMD1:2019	In progress		
Appearance	VISUAL	ASTM D4176 - 22	C&B		(I)

(I) Test performed at 24,5 °C

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Name/s  
Signature/s

30/03/2023  
Ignacio Sánchez  
Chief Analyst

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C/ Adolfo Alonso Fernández s/n  
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