

Inspectorate Española, S.A

Laboratorio de análisis - Huelva

Polígono Industrial Nuevo Puerto S/N, CP 21810 Palos de La Frontera (HUELVA)

Tel.: 959 369 335 E-Mail: huelva.lab@inspectorate.es

C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 1601B-3

o/Ref: ESODCJ17007021

Y/Ref:

Date of reception: 20/12/2017

Date Analysis started: 20/12/2017

Date Analysis completed: 21/12/2017

Grade: Gasoline 95

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: NORD NIGHTINGALE

SHORE TANK 211 AFTER DISCHARGE - T1117211

Sample Package: 1x1L can

Sampling date: 12/12/2017

Seal N°: 55941

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15 °C	Kg/m ³	ASTM D-4052-2015	744,5	720-775	
DVPE*	kPa	EN ISO 13016-1:2008	63,4	50-80	
Distillation*					
Evap at 70°C	%vol.	ASTM D-86-2015	24,0	22-56	
Evap at 100°C	%vol.	ASTM D-86-2015	58,0	46-74	
Evap at 150°C	%vol.	ASTM D-86-2015	95,6	min 75	
FBP	°C	ASTM D-86-2015	167,8	max 210	
Residue	%vol.	ASTM D-86-2015	1,0	max 2,0	
Sulphur*	mg/Kg	EN-ISO-20846:2011	6,4	max 10,0	
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005	
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	Ia	Class 1	
Existence Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5	
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-	

Tests marked with (*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.

The test results shown on this report affect only to the samples received in this laboratory, 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.

¹ Specifications: GASOLINAS SGC/SGA/SGP OPS REVISIÓN 7 Fecha 28/04/15



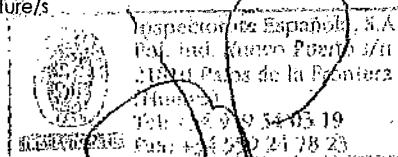
Date of Report

21/12/2017

Name/s

José Manuel Pérez

Signature/s



Laboratory Manager

Inspectorate Española, S.A

Laboratorio de análisis - Huelva

Polígono Industrial Nuevo Puerto S/N, CP 21810 Palos de La
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Tel.: 959 369 335 E-Mail: huelva.lab@inspectorate.es

C.I.F. : A 28633600



11674-1-1-1-7-1-1-1

ANALYTICAL REPORT

Job No: 15763-4
o/Ref: ESOOCJ17006141
Y/Ref:

Date of reception: 09/11/2017
Date Analysis started: 09/11/2017
Date Analysis completed: 10/11/2017

Grade: Gasoline 95
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: BRITISH ALTUS
SHORE TANK 212 AFTER DISCHARGE - T0717212

Sample Package: 1x1L can
Sampling date: 03/11/2017
Seal N°: #55666

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2015	742,6	720-775	
DVPE*	KPa	EN ISO 13016-1:2008	67,2	50-80	
Distillation*					
Evap. at 70°C	%vol	ASTM D-86-2015	23,2	22-56	
Evap at 100°C	%vol	ASTM D-86-2015	51,9	46-74	
Evap at 150°C	%vol	ASTM D-86-2015	94,5	min 75	
FBP	°C	ASTM D-86-2015	173,7	max 210	
Residue	%vol	ASTM D-86-2015	1,0	max 2,0	
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,6	max 10,0	
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005	
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1α	Class 1	
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5	
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-	

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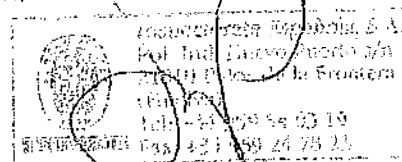
The samples will be kept for a period of three months.

¹ Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15



ENAC
ENSAYOS
N° 1053 / LE 2348

Date of Report: 10/11/2017
Name/s: José Manuel Pérez
Signature/s:



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C.I.F. : A 23633600



INSPECTORATE

ANALYTICAL REPORT

Job-No: 16018-1

o/Ref: ESODCJ17007021

Y/Ref:

Date of reception: 20/12/2017

Date Analysis started: 20/12/2017

Date Analysis completed: 21/12/2017

Grade: Gasoline 98

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: NORD NIGHTINGALE

SHORE TANK 311 AFTER DISCHARGE - T1117311

Sample Package: 1x1L can

Sampling date: 12/12/2017

Seal N°: 55946

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2015	754,7	720-775	
DVPE*	KPa	EN ISO 13016-1:2008	61,6	50-80	
Distillation*					
Evap at 70°C	%vol	ASTM D-86-2015	22,7	22-56	
Evap at 100°C	%vol	ASTM D-86-2015	54,5	46-74	
Evap at 150°C	%vol	ASTM D-86-2015	95,2	min 75	
FBP	°C	ASTM D-86-2015	174,8	max 210	
Residue	%vol	ASTM D-86-2015	1,0	max 2,0	
Sulphur*	mg/Kg	EN-ISO-20846:2011	4,4	max 10,0	
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005	
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class 1	
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5	
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	*	

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¹ Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

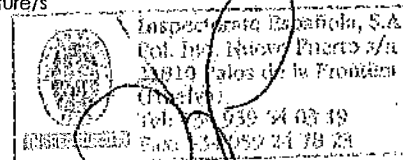


Date of Report: 21/12/2017

Name/s

José Manuel Pérez

Signature/s



Laboratory Manager

Inspectorate Española, S.A

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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 15763-5
o/Ref: ESOOCJ17006141
Y/Ref:

Date of reception: 09/11/2017
Date Analysis started: 09/11/2017
Date Analysis completed: 10/11/2017

Grade: Gasoline 98
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: BRITISH ALTUS
SHORE TANK 311 AFTER DISCHARGE - T1017311

Sample Package: 1x1L can
Sampling date: 03/11/2017
Seal N°: #55684

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15 °C	Kg/m ³	ASTM D-4052-2015	754,1	720-775	
DVPE*	KPa	EN ISO 13016-1:2008	61,3	50-80	
Distillation*					
Evap at 70°C	%vol	ASTM D-86-2015	23,2	22-56	
Evap at 100°C	%vol	ASTM D-86-2015	55,0	46-74	
Evap at 150°C	%vol	ASTM D-86-2015	95,2	min 75	
FBP	°C	ASTM D-86-2015	176,2	max 210	
Residue	%vol	ASTM D-86-2015	1,0	max 2,0	
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,3	max 10,0	
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005	
Copper Corrosion 3H 50 °C [†]		ASTM D-130-2012	1a	Class 1	
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5	
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-	

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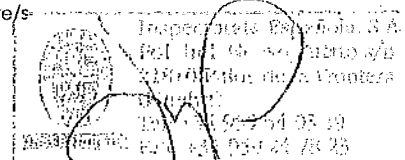
The samples will be kept for a period of three months.

¹ Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha: 28/04/15



ENAC
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Date of Report: 10/11/2017
Name/s: José Manuel Pérez
Signature/s:



Laboratory Manager

Inspectorate Española, S.A

Laboratorio de análisis - Huelva

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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: T6018-2
o/Ref: ESODCJ17007021
Y/Ref:

Date of reception: 20/12/2017
Date Analysis started: 20/12/2017
Date Analysis completed: 21/12/2017

Grade: Gasoline 98
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: NORD NIGHTINGALE
SHORE TANK 312 AFTER DISCHARGE - T0717312

Sample Package: 1x1L can
Sampling date: 12/12/2017
Seal N°: 55951

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2015	755,8	720-775	
DVPE*	KPa	EN ISO 13016-1:2008	64,6	50-80	
Distillation*					
Evap at 70°C	%vol	ASTM D-86-2015	22,2	22-56	
Evap at 100°C	%vol	ASTM D-86-2015	53,5	46-74	
Evap at 150°C	%vol	ASTM D-86-2015	95,3	min 75	
FBP	°C	ASTM D-86-2015	169,5	max 210	
Residue	%vol	ASTM D-86-2015	1,0	max 2,0	
Sulphur*	mg/Kg	EN-ISO-20846:2011	6,7	max 10,0	
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005	
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class 1	
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5	
Total contamination*	mg/Kg	EN ISO 12662:1998	<6		

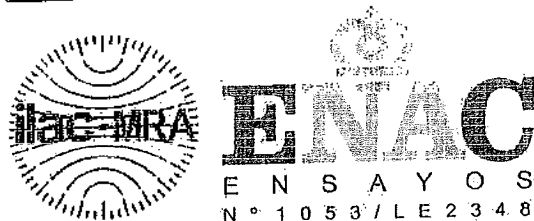
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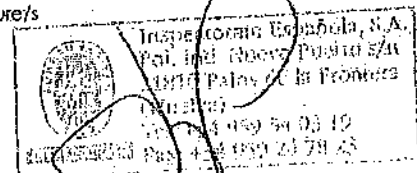
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP-367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

¹ Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15



Date of Report: 21/12/2017
Name/s: José Manuel Pérez
Signature/s:



Laboratory Manager

Inspectorate Española, S.A

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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 16018-4
p/Ref: ESODCJ1707021
Y/Ref:

Date of reception: 20/12/2017
Date Analysis started: 20/12/2017
Date Analysis completed: 20/12/2017

Grade: GASOIL
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: NORD NIGHTINGALE
SHORE TANK 101 AFTER DISCHARGE - 10917101

Sample Package: 1x1L can
Sampling date: 12/12/2017
Seal N°: #55956

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15°C	Kg/m ³	ASTM D-4052-16	831,0	820-845	
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,7	10,0 max	
Distillation*					
65% recovered	°C	ASTM D-86-16a	298	250 min	
85% recovered	°C	ASTM D-86-16a	329	350 max	
95% recovered	°C	ASTM D-86-16a	355	360 max	
Kinematic Viscosity at 40°C*	mm ² /s	ASTM D-445-15	2,676	2,00-4,50	
Flash Point*	°C	ASTM D-93 A-16	61,5	55,0 min	
Water content*	mg/Kg	EN ISO 12937:2001	80	200 max	
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1	
Electrical conductivity*	pS/m	ASTM D-2624-09	84	-	
Temperature*	°C		18		
Fame Content*	%vol	EN 14078:2010	7,0	7,0 max	
C.F.P.P	°C	EN 116:2015	-18	-10 max	

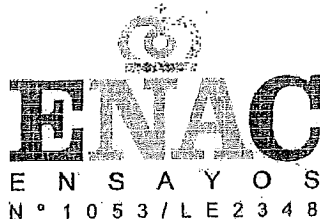
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The samples will be kept for a period of three months.

¹ Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15



Date of Report: 20/12/2017
Name/s: José Manuel Pérez
Signature/s:

Inspectorate Española, S.A.
Póligono Industrial Nuevo Puerto s/n
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C.I.F. : A 28633600



ANALYTICAL REPORT

Job No: 15763-2 (rev.1)
o/Ref: ESOOCJ17006141
Y/Ref:

Date of reception: 09/11/2017
Date Analysis started: 09/11/2017
Date Analysis completed: 10/11/2017

Grade: GASOIL
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: BRITISH ALTUS
SHORE TANK 102 AFTER DISCHARGE - T0717102

Sample Package: 1x1L can
Sampling date: 03/11/2017
Seal N°: #55726

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15°C	Kg/m ³	ASTM D-4052-2015	833,9	820-845	
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,8	10,0 max	
Distillation*					
65% recovered	°C	ASTM D-86-16a	301	250 min	
85%recovered	°C	ASTM D-86-16a	331	350 max	
95% recovered	°C	ASTM D-86-16a	357	360 max	
Kinematic Viscosity at 40°C*	mm ² /s	ASTM D-445-2015	2,915	2,00-4,50	
Flash Point*	°C	ASTM D-93 A-2016	64,0	55,0 min	
Water content*	mg/Kg	EN ISO 12937:2001	90	200 max	
Copper corrosion, 3h 50°C*	Class: I	ASTM D-130-2012	1a	class 1	
Electrical conductivity*	pS/m	ASTM D-2624-2009	63	-	
Temperature*	°C		22		
Fame Content*	%vol	EN 14078:2010	3,9	7,0 max	
C.F.P.P	°C	EN 116:2015	-10	-10 max	

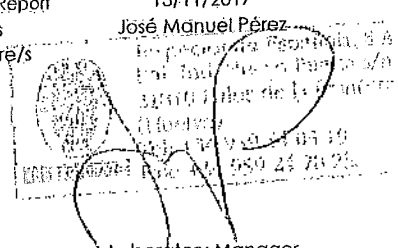
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The samples will be kept for a period of three months.

¹ Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Date of Report: 13/11/2017
Name/s: José Manuel Pérez
Signature/s: 
Laboratory Manager



Inspectorate Española, S.A

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INSPECTORATE

ANALYTICAL REPORT

Job No: 15763-2 (rev.1)
o/Ref: ESOOCJ17006141
Y/Ref:

Date of reception: 09/11/2017
Date Analysis started: 09/11/2017
Date Analysis completed: 10/11/2017

Grade: GASOIL
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: BRITISH ALTUS
SHORE TANK 102 AFTER DISCHARGE - T0717102

Sample Package: 1x1L can
Sampling date: 03/11/2017
Seal N°: #55726

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15°C	Kg/m ³	ASTM D-4052-2015	833,9	820-845	
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,8	10,0 max	
Distillation*					
65% recovered	°C	ASTM D-86-16a	301	250 min	
85% recovered	°C	ASTM D-86-16a	331	350 max	
95% recovered	°C	ASTM D-86-16a	357	360 max	
Kinematic Viscosity at 40°C*	mm ² /s	ASTM D-445-2015	2,915	2,00-4,50	
Flash Point*	°C	ASTM D-93 A-2016	64,0	55,0 min	
Water content*	mg/Kg	EN ISO 12937:2001	90	200 max	
Copper corrosion, 3h 50°C*	Class.1	ASTM D-130-2012	1a	class 1	
Electrical conductivity*	pS/m	ASTM D-2624-2009	63	-	
Temperature*	°C		22		
Fame Content*	%vol	EN 14078:2010	3,9	7,0 max	
C.F.P.P	°C	EN 116:2015	-10	-10 max	

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¹ Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15



Date of Report: 13/11/2017
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Pol. Ind. Nuevo Puerto S/N
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Tel: +34 959 34 05 19
Fax: +34 959 24 78 23

Laboratory Manager