

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



ANALYTICAL REPORT

Job No: 16131-1
 o/Ref: ESODCJ17007370
 Y/Ref:

Date of reception: 09/01/2018
 Date Analysis started: 09/01/2018
 Date Analysis completed: 10/01/2018

Grade: GASOIL
 Origin: Terminales Canarias Tenerife
 Label: Terminales Canarias Tenerife
 Id: STAR I
 SHORE TANK 101 AFTER DISCHARGE - T0118101

Sample Package: 1x1L can
 Sampling date: 04/01/2018
 Seal N°: #56026

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15°C	Kg/m ³	ASTM D-4052-16	834,8	820-845	
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,4	10,0 max	
Distillation*					
65% recovered	°C	ASTM D-86-16a	299	250 min	
85% recovered	°C	ASTM D-86-16a	330	350 max	
95% recovered	°C	ASTM D-86-16a	356	360 max	
Kinematic Viscosity at 40°C*	mm ² /s	ASTM D-445-15	2,749	2,00-4,50	
Flash Point*	°C	ASTM D-93 A-16	62,0	55,0 min	
Water content*	mg/Kg	EN ISO 12937:2001	70	200 max	
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1	
Electrical conductivity*	pS/m	ASTM D-2624-09	82		
Temperature*	°C		19		
Fame Content*	%vol	EN 14078:2010	6,2	7,0 max	
C.F.P.P	°C	EN 116:2015	-17	-10 max	

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



ENAC
 E N S A Y O S
 N ° 1 0 5 3 / L E 2 3 4 8

Date of Report 10/01/2018
 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 Frontera (HUELVA)

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

C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 16131-2
o/Ref: ESODCJ17007370
Y/Ref:

Date of reception: 09/01/2018
Date Analysis started: 09/01/2018
Date Analysis completed: 10/01/2018

Grade: GASOIL
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: STAR 1

Sample Package: 1x1L can
Sampling date: 04/01/2018
Seal N°: #56031

SHORE TANK 102 AFTER DISCHARGE - T0118102

Test	Units	Method	Results	Specifications ¹	Notes ²
Density at 15°C	Kg/m ³	ASTM D-4052-16	844,1	820-845	
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,7	10,0 max	
Distillation*					
65% recovered	°C	ASTM D-86-16a	302	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-445-15	2,901	2,00-4,50	
Flash Point*	°C	ASTM D-93 A-16	65,0	55,0 min	
Water content*	mg/Kg	EN ISO 12937:2001	90	200 max	
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1	
Electrical conductivity*	pS/m	ASTM D-2624-09	61	-	
Temperature*	°C		19		
Fame Content*	%vol	EN 14078:2010	6,9	7,0 max	
C.F.P.P	°C	EN 116:2015	-17	-10 max	

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

Date of Report: 10/01/2018
Name/s: José Manuel Pérez
Signature/s:

Laboratory Manager



ENAC
ENSAYOS
N° 1053/LE2348

Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Pedregal Industrial Nueva Puerto S/A,

Franco de la frontera (HUELVA)

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

C.I.F.: A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 16313-1

o/Ref: ESOENJ18000467

y/Ref:

Date of reception: 12/02/2018

Date Analysis started: 12/02/2018

Date Analysis completed: 12/02/2018

Grade: GASOIL

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: VALTELLINA

SHORE TANK 102 AFTER DISCHARGE - T0218102

Sample Package: 1x1L can

Sampling date: 07/02/2018

Seal N°: #56113

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes ²
Density at 15°C	Kg/m ³	ASTM D-4052-16	835,8	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,0	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-16a	293	250 min		
85% recovered	°C	ASTM D-86-16a	326	350 max		
95% recovered	°C	ASTM D-86-16a	350	360 max		
Kinematic Viscosity at 40°C*	mm ² /s	ASTM D-445-15	2,521	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	58,0	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	124			
Temperature*	°C		22			
Fame Content*	%vol	EN 14078:2010	6,8	7,0 max		
C.F.P.P	°C	EN 116:2015	-17	-10 max	±3	

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

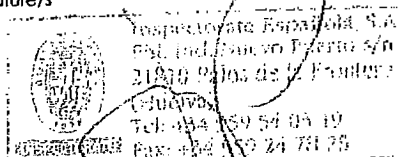
¹ Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

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ENAC
E N S A Y O S
N° 1053 / L E 2348

Date of Report: 12/02/2018
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 28933600



INSPECTORATE ESPAÑOLA

ANALYTICAL REPORT

Job No: 16131-3

o/Ref: ESODCJ17007370

Y/Ref:

Date of reception: 09/01/2018

Date Analysis started: 09/01/2018

Date Analysis completed: 10/01/2018

Grade: Gasoline 95

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: STAR I

Sample Package: 1x1L can

Sampling date: 04/01/2018

Seal N°: 56016

SHORE TANK 212 AFTER DISCHARGE - T0118212

Test	Units	Method	Results	Specifications ¹	Notes ²
Density at 15 °C	Kg/m3	ASTM D-4052-2015	738,0	720-775	
DVPE*	KPa	EN ISO 13016-1:2008	68,5	50-80	
Distillation*					
Evap at 70°C	%vol	ASTM D-86-2015	24,7	22-56	
Evap at 100°C	%vol	ASTM D-86-2015	54,7	46-74	
Evap at 150°C	%vol	ASTM D-86-2015	95,2	min 75	
FBP	°C	ASTM D-86-2015	168,2	max 210	
Residue	%vol	ASTM D-86-2015	1,0	max 2,0	
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,0	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	-	

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 REVISION 7 Fecha 28/04/15



ENSAYOS
N° 1053 / LE 2348

Date of Report

10/01/2018

Name/s

José Manuel Pérez

Signature/s

Laboratory Manager

Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Polígono Industrial Nuevo Puerto S/H.

Palos de la Frontera (HUELVA)

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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 16313-2

o/Ref: ESOENJ18000467

Y/Ref:

Date of reception: 11/01/2018

Date Analysis started: 11/01/2018

Date Analysis completed: 13/01/2018

Grade: Gasoline 95

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: VALTELLINA

SHORE TANK 211 AFTER DISCHARGE - T0218211

Sample Package: 1x1L can

Sampling date: 05/02/2018

Seal N°: # 56099

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	726,2	720-775	±1,9	
DVPE*	KPa	EN ISO 13016-1:2008	68,1	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2016a	38,1	22-56		
Evap at 100°C	%vol	ASTM D-86-2016a	65,5	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	95,1	min 75		
FBP	°C	ASTM D-86-2016a	176,5	max 210		
Residue	%vol	ASTM D-86-2016a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,2	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	-		

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.

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

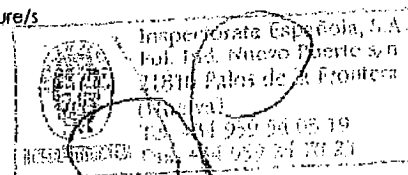
¹ Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

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

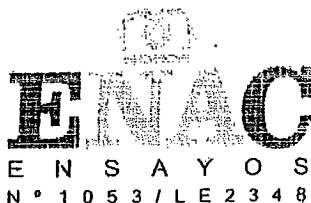
Date of Report: 13/02/2018

Name/s: José Manuel Pérez

Signature/s:



Laboratory Manager



Inspectorate Española, S.A

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Huelva (HUELVA)
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C.I.F. I 280633600



ANALYTICAL REPORT

ANALYTICAL REPORT

Job No: 16131-4
o/Ref: ESODCJ17007370
Y/Ref:

Date of reception: 09/01/2018
Date Analysis started: 09/01/2018
Date Analysis completed: 10/01/2018

Grade: Gasoline 98
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: STAR I

Sample Package: 1x1L can
Sampling date: 04/01/2018
Seal N°: 56021

SHORE TANK 311 AFTER DISCHARGE - T0118311

Test	Units	Method	Results	Specifications ¹	Notes*
Density at 15 °C	Kg/m ³	ASTM D-4052-2015	750,0	720-775	
DVPE*	KPa	EN ISO 13016-1:2008	68,8	50-80	
Distillation*					
Evap at 70°C	%vol	ASTM D-86-2015	23,1	22-56	
Evap at 100°C	%vol	ASTM D-86-2015	54,7	46-74	
Evap at 150°C	%vol	ASTM D-86-2015	95,2	min 75	
FBP	°C	ASTM D-86-2015	169,6	max 210	
Residue	%vol	ASTM D-86-2015	1,0	max 2,0	
Sulphur*	mg/Kg	EN-ISO-20846:2011	6,2	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	-	

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 REVISION 7 Fecha 28/04/15



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Date of Report: 10/01/2018
Name/s: José Manuel Pérez
Signature/s:

Laboratory Manager

Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Polígono Industrial Huelva Puerto S/N,

Prados de la Frontera (HUELVA)

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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: I6313-4

o/Ref: ESOENJ18000467

y/Ref:

Date of reception: 10/02/2018

Date Analysis started: 12/02/2018

Date Analysis completed: 13/02/2018

Grade: Gasoline 98

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: VALTELLINA

SHORE TANK 311 AFTER DISCHARGE - T0218311

Sample Package: 1x1L can

Sampling date: 06/02/2018

Seal N°: #56104

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	748,3	720-775	±1,4	
DVPE*	KPa	EN ISO 13016-1:2008	66,7	50-80		
Distillation ²						
Evap at 70°C	%vol	ASTM D-86-2016a	24,1	22-56		
Evap at 100°C	%vol	ASTM D-86-2016a	53,1	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	92,9	min 75		
FBP	°C	ASTM D-86-2016a	176,0	max 210		
Residue	%vol	ASTM D-86-2016a	1,0	max 2,0		
Sulphur ²	mg/Kg	EN-ISO-20846:2011	5,4	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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The samples will be kept for a period of three months;

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

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

Date of Report

13/02/2018

Name/s

José Manuel Pérez

Signature/s



Laboratory Manager



ENSAYOS
N° 1053 / LE 2348

Inspectorate Española, S.A.

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Laboratorio de análisis - Huelva

Polígono Industrial Nuevo Puerto 5/R.

Polos de la Frontera (HUELVA)

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

C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT - Revision 1

Job No: 16313-5 (rev.1)
 o/Ref : ESOENJ18000467
 Y/Ref :

Date of reception: 10/02/2018
 Date Analysis started: 12/02/2018
 Date Analysis completed: 13/02/2018

Grade: Gasoline 98
 Origin: Terminales Canarias Tenerife
 Label: Terminales Canarias Tenerife
 Id: VALTELLINA
 SHORE TANK 312 AFTER DISCHARGE - T0118312

Sample Package: 1x1L can
 Sampling date: 07/02/2018
 Seal N°: #56109

Test	Units	Method	Results	Specifications ¹	U=R/V2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	742,1	720-775	±1,6	
DVPE*	KPo	EN ISO 13016-1:2008	71,9	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2016a	29,7	22-56		
Evap at 100°C	%vol	ASTM D-86-2016a	53,7	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	90,7	min 75		
FBP	°C	ASTM D-86-2016a	182,4	max 210		
Residue	%vol	ASTM D-86-2016a	0,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	4,6	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	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-		

This Analytical Report 16313-5 (rev.1) cancels and replaces the Analytical Report 16313-5

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.

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

Date of Report: 13/02/2018
 Name/s: José Manuel Pérez
 Signature/s:

