

# Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Polígono Industrial Nuevo Puerto S/1.

Palos de la Frontera (HUELVA)

Tel.: 959 369 535 E-Mail: huelva@inspeccor.es

C.I.F. : A 28633600



INSPECCOR

## ANALYTICAL REPORT

Job No: 16765-3  
o/Ref: ESOABJ18002107  
Y/Ref:

Date of reception: 04/05/2018  
Date Analysis started: 04/05/2018  
Date Analysis completed: 04/05/2018

Grade: GASOIL  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: BENTLEY I

Sample Package: 1x1L can  
Sampling date: 28/04/2018  
Seal N°: 56132

SHORE TNAK TK102 AFTER DISCHARGE - T0518102

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15°C	Kg/m <sup>3</sup>	ASTM D-4052-16	836,9	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,7	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-16a	288,8	250 min		
85% recovered	°C	ASTM D-86-16a	321,7	350 max		
95% recovered	°C	ASTM D-86-16a	352,4	360 max		
Kinematic Viscosity at 40°C*	mm <sup>2</sup> /s	ASTM D-445-15	2,441	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	59,0	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	32	-		
Temperature*	°C		21			
Fame Content*	%vol	EN 14078:2010	6,9	7,0 max		
C.F.P.P	°C	EN 116:2015	-16	0 max	±3	

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.

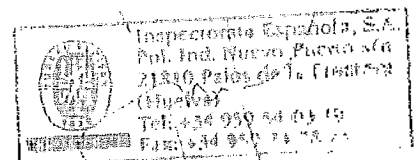
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

<sup>1</sup> Specifications: GASOLEO AUTOMOCION 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 04/05/2018  
Name/s José Manuel Pérez  
Signature/s





LABORATORIO

**ANALYTICAL REPORT**

Job No: 16842-1  
o/Ref: ESOMYJ18002472  
Y/Ref:

Date of reception: 19/05/2018  
Date Analysis started: 19/05/2018  
Date Analysis completed: 19/05/2018

Grade: GASOIL  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: JEMMA  
SHORE TNAK TK101 AFTER DISCHARGE - T0418101

Sample Package: 1x1L can  
Sampling date: 15/05/2018  
Seal N°: 56371

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15°C	Kg/m <sup>3</sup>	ASTM D-4052-16	834,1	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,8	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-16a	293,2	250 min		
85% recovered	°C	ASTM D-86-16a	326,6	350 max		
95% recovered	°C	ASTM D-86-16a	359,5	360 max		
Kinematic Viscosity at 40°C*	mm <sup>2</sup> /s	ASTM D-445-15	2,563	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	59,0	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	50	-		
Temperature*	°C		22			
Fame Content*	%vol	EN 14078:2010	6,1	7,0 max		
C.F.P.P	°C	EN 116:2015	-13	0 max	±3	

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 (Excep 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.

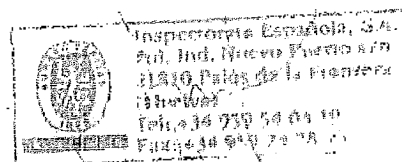
<sup>1</sup> Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

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Date of Report 19/05/2018  
Name/s José Manuel Pérez  
Signature/s



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



**Inspectorato Española, S.A.**  
(Unipersonal)

Laboratorio de análisis - Huelva  
 P.O. Box 4740 - 41014 Huelva - Spain  
 P.O. Box 4740 - HUELVA (HUELVA)  
 Tel.: 959 369 035 E-Mail: info@inspectorato.es  
 I.F.E. A 226324081



INSPECTORATO

**ANALYTICAL REPORT**

Job No: 16842-3  
 o/Ref: ESOMYJ18002472  
 Y/Ref:

Date of reception: 19/05/2018  
 Date Analysis started: 19/05/2018  
 Date Analysis completed: 19/05/2018

Grade: Gasoline 95  
 Origin: Terminales Canarias Tenerife  
 Label: Terminales Canarias Tenerife  
 Id: JEMMA  
 SHORE TANK 211 AFTER DISCHARGE - T0518211

Sample Package: 1x1L can  
 Sampling date: 15/05/2018  
 Seal N°: 56383

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes <sup>**</sup>
Density at 15 °C	Kg/m3	ASTM D-4052-16	727,9	720-775	±1,8	
DVPE*	KPa	EN ISO 13016-1:2008	56,0	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-16a	39,8	20-54		
Evap at 100°C	%vol	ASTM D-86-16a	67,6	46-74		
Evap at 150°C	%vol	ASTM D-86-16a	95,5	min 75		
FBP	°C	ASTM D-86-16a	172,1	max 210		
Residue	%vol	ASTM D-86-16a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	6,0	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<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.

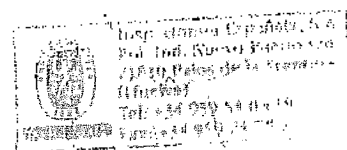
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

<sup>1</sup> 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: 19/05/2018  
 Name/s: José Manuel Pérez  
 Signature/s:



**Inspectorate Española, S.A.**  
(Unipersonal)

Laboratorio de análisis - Huelva  
Polígono Industrial Puerto Real 1001  
Paseo de la Frontera (RUE) 1001  
Tel: +359 969 335 Fax: +359 969 336  
C.I.F.: A 2945369



INSPECTORATE ESPAÑOLA

**ANALYTICAL REPORT**

Job No: 17000-2  
o/Ref: ESOMYJ18003075  
Y/Ref:

Date of reception: 13/06/2018  
Date Analysis started: 14/06/2018  
Date Analysis completed: 14/06/2018

Grade: Gasoline 95  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: BALTIC ADVANCE  
SHORE TANK 211 AFTER DISCHARGE - T0618211

Sample Package: 1x1L can  
Sampling date: 09/06/2018  
Seal N°: 56493

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes <sup>2</sup>
Density at 15 °C	Kg/m3	ASTM D-4052-2016	727,1	720-775	±1,9	
DVPE*	KPa	EN ISO 13016-1:2008	56,4	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-16a	40,4	20-54		
Evap at 100°C	%vol	ASTM D-86-16a	68,5	46-74		
Evap at 150°C	%vol	ASTM D-86-16a	95,2	min 75		
FBP	°C	ASTM D-86-16a	173,0	max 210		
Residue	%vol	ASTM D-86-16a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	6,2	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<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.

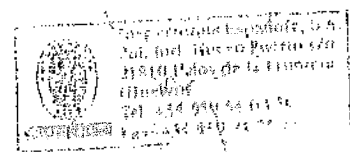
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

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

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Date of Report: 14/06/2018  
Name/s: José Manuel Pérez  
Signature/s:



**Inspectorate Española, S.A.**  
(Unipersonal)

Laboratorio de análisis - Huelva  
Polígono Industrial Huelva s/n - 41011  
Polígono Industrial PZO (SVA)  
Tel : 959 309 355 F: 959 110 100 E-mail: info@inspe.es  
C.I.F. : A-2843998



INSPECTION REPORT

**ANALYTICAL REPORT**

Job No: 17000-3  
o/Ref : ESOMYJ18003075  
Y/Ref :

Date of reception: 13/06/2018  
Date Analysis started: 13/06/2018  
Date Analysis completed: 14/06/2018

Grade: Gasoline 95  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: BALTIC ADVANCE  
SHORE TANK 212 AFTER DISCHARGE - T0618212

Sample Package: 1x1L can  
Sampling date: 09/06/2018  
Seal N°: 56495

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/U2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	726,3	720-775	±1,9	
DVPE <sup>2</sup>	KPa	EN ISO 13016-1:2008	55,8	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-16a	40,7	20-54		
Evap at 100°C	%vol	ASTM D-86-16a	68,6	46-74		
Evap at 150°C	%vol	ASTM D-86-16a	95,3	min 75		
FBP	°C	ASTM D-86-16a	172,8	max 210		
Residue	%vol	ASTM D-86-16a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	6,9	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<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.

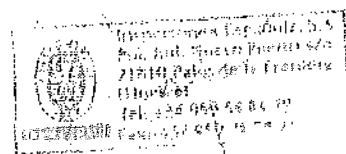
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

<sup>1</sup> 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.

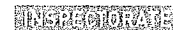
Date of Report: 14/06/2018  
Name/s: José Manuel Pérez  
Signature/s:



# Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva  
 Polígono Industrial Nuevo Puerto S/N  
 Pólos de la Frontera (HUELVA)  
 Tel.: 959 369 335 E-Mail: huelva.lab@icse.es  
 C.I.F.: A18033606



## ANALYTICAL REPORT

Job No: 16842-4  
 o/Ref: ESOMYJ18002472  
 Y/Ref:

Date of reception: 19/05/2018  
 Date Analysis started: 19/05/2018  
 Date Analysis completed: 19/05/2018

Grade: Gasoline 98  
 Origin: Terminales Canarias Tenerife  
 Label: Terminales Canarias Tenerife  
 Id: JEMMA

Sample Package: 1x1L can  
 Sampling date: 15/05/2018  
 Seal N°: 56389

SHORE TANK 311 AFTER DISCHARGE - T0518311

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	745,4	720-775	±1,5	
DVPE*	KPa	EN ISO 13016-1:2008	54,9	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2016a	33,6	20-54		
Evap at 100°C	%vol	ASTM D-86-2016a	60,3	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	93,8	min 75		
FBP	°C	ASTM D-86-2016a	176,4	max 210		
Residue	%vol	ASTM D-86-2016a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,5	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	-		

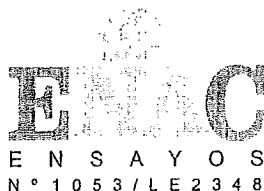
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Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to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

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

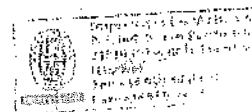
<sup>1</sup> Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

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



Date of Report  
 Name/s  
 Signature/s

19/05/2018  
 José Manuel Pérez



# Inspección Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Polígono Industrial del 2.º Puerto 254

Pádel de la Frontera B40FL201

Tel: 959 769 335 E-Mail: info@inspeccion.es

C.I.F.: A 23633607



INSPECCIÓN ESPAÑOLA

## ANALYTICAL REPORT

Job No: 17000-4  
o/Ref: ESO MYJ18003075  
Y/Ref:

Date of reception: 13/06/2018  
Date Analysis started: 13/06/2018  
Date Analysis completed: 14/06/2018

Grade: Gasoline 98  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: BALTIC ADVANCE  
SHORE TANK 311 AFTER DISCHARGE - T0618311

Sample Package: 1x1L can  
Sampling date: 09/06/2018  
Seal N°: 56497

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	744,5	720-775	±1,5	
DVPE*	KPa	EN ISO 13016-1:2008	54,0	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-16a	34,0	20-54		
Evap at 100°C	%vol	ASTM D-86-16a	60,9	46-74		
Evap at 150°C	%vol	ASTM D-86-16a	93,7	min 75		
FBP	°C	ASTM D-86-16a	177,8	max 210		
Residue	%vol	ASTM D-86-16a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	4,4	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<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.

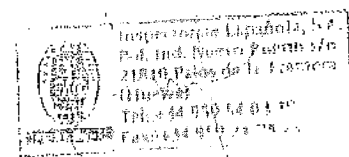
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

<sup>1</sup> 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: 14/06/2018  
Name/s: José Manuel Pérez  
Signature/s:



# Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Fábrica Industrial de los Puertos S.L.

Polígono de la Urdimera (BIPRVA)

Tel.: 959 39 330 E-Mail: huelva@ie.es

C.I.F.: A 30633609



INSPECTORATE ESPAÑOLA

## ANALYTICAL REPORT

Job No: 17000-5  
o/Ref: ESOMYJ18003075  
Y/Ref:

Date of reception: 13/06/2018  
Date Analysis started: 13/06/2018  
Date Analysis completed: 14/06/2018

Grade: Gasoline 98  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
id: BALTIC ADVANCE  
SHORE TANK 312 AFTER DISCHARGE - T0418312

Sample Package: 1x1L can  
Sampling date: 09/06/2018  
Seal N°: 56499

Test	Units	Method	Results	Specifications <sup>1</sup>	U=K/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	742,7	720-775	±1,5	
DVPE*	KPa	EN ISO 13016-1:2008	53,6	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-16a	35,8	20-54		
Evap at 100°C	%vol	ASTM D-86-16a	62,2	46-74		
Evap at 150°C	%vol	ASTM D-86-16a	93,8	min 75		
FBP	°C	ASTM D-86-16a	179,3	max 210		
Residue	%vol	ASTM D-86-16a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,0	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<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.

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.

<sup>1</sup> 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: 14/06/2018  
Name/s: José Manuel Pérez  
Signature/s:



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

