



AmSpec Iberia S.L.Unipersonal
Las Palmas Laboratory

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 CIF : B72083769

ANALYTICAL REPORT

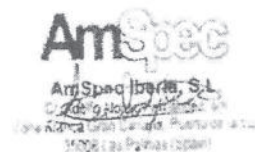
Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 432
*Label: AMSPEC	O/ Ref: 647-20-00118
*Origin: TERMINALES CANARIOS TENERIFE	Label: AMSPEC
*Grade: GNA 98	Sample Package: 2 X 1L CAN BOTTLE
*Seal N°: N/A	Seal N°: N/A
*Identification: ST 311: T0520311 HISTRIA TIGER	Date of reception: 07th/07/2020
*Sampling date: 30/06/2020	Date Analysis started: 07th/07/2020
	Date Analysis completed: 10th/07/2020
*Description: SHORE TANK RUNNING SAMPLE	Description: GNA

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001(E)	0,7481		
DVPE	Kpa	EN ISO 13016-1:2008	56,9		(I)
Distillation		ASTM D86 - 16a			
Evap at 70°C	%Vol		29,7		
Evap at 100°C	%Vol		57,7		
Evap at 150°C	%Vol		93,1		
FBP	°C		168,0		
Residue	%Vol		1,0		
Sulphur	mg/Kg	EN ISO 20846:2011	4,5		(I)
Lead Content	g/L	ASTM D 3237 - 17	<0,005		(I)
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 12	1a		
Existent Gums (Washed)	mg/100ml	ASTM D 381 - 12(2017)	<1		(I)
Total Contamination	mg/Kg	EN ISO 12662:2014	<12		

(I) Test will perform at AmSpec - Cartagena Laboratory

**The laboratory is not responsible of the information provided by the customer, sample owner or the toker.
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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 for each method are available to the client upon request.*

Date of Report 10/07/2020
 Name/s Lella Menghini
 Signature/s Chief Analyst



Authorized by Ari Rojas Gracia
 Head of Laboratories - Spain



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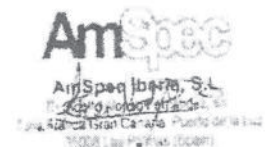
Sample Information	Laboratory Information
*V/ Ref: N/A	Job Number: 431
*Label: AMSPEC	O/ Ref: 647-20-00118
*Origin: TERMINALES CANARIOS TENERIFE	Label: AMSPEC
*Grade: GNA 95	Sample Package: 2 X 1L CAN BOTTLE
*Seal N ^o : N/A	Seal N ^o : N/A
*Identification: ST 212: T0320212 HISTRIA TIGER	Date of reception: 07th/07/2020
*Sampling date: 30/06/2020	Date Analysis started: 07th/07/2020
	Date Analysis completed: 10th/07/2020
*Description: SHORE TANK RUNNING SAMPLE	Description: GNA

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001(E)	0,7401		
DVPE	Kpa	EN ISO 13016-1:2008	56,4		(I)
Distillation		ASTM D86 - 16a			
Evap at 70°C	%Vol		34,9		
Evap at 100°C	%Vol		58,9		
Evap at 150°C	%Vol		92,7		
FBP	°C		167,5		
Residue	%Vol		1,0		
Sulphur	mg/Kg	EN ISO 20846:2011	6,7		(I)
Lead Content	g/L	ASTM D 3237 - 17	<0,005		(I)
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 12	1a		
Existent Gums (Washed)	mg/100ml	ASTM D 381 - 12(2017)	<1		(I)
Total Contamination	mg/Kg	EN ISO 12662:2014	<12		

(I) Test will perform at AmSpec - Cartagena Laboratory

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Signature/s: Chief Analyst





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ANALYTICAL REPORT

Sample Information	Laboratory Information
*Y/ Ref: N/A	Job Number: 430
*Label: AMSPEC	O/ Ref: 647-20-00118
*Origin: TERMINALES CANARIOS TENERIFE	Label: AMSPEC
*Grade: GNA 95	Sample Package: 2 X 1L CAN BOTTLE
*Seal N°: N/A	Seal N°: N/A
*Identification: ST 211: T0520211 HISTRIA TIGER	Date of reception: 07th/07/2020
*Sampling date: 29/06/2020	Date Analysis started: 07th/07/2020
	Date Analysis completed: 10th/07/20
*Description: SHORE TANK RUNNING SAMPLE	Description: GNA

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001(E)	0,7437		
DVPE	Kpa	EN ISO 13016-1:2008	57,3		(1)
Distillation		ASTM.D86 - 16a			
Evap at 70°C	%Vol		27,0		
Evap at 100°C	%Vol		55,0		
Evap at 150°C	%Vol		93,7		
FBP	°C		173,4		
Residue	%Vol		1,0		
Sulphur	mg/Kg	EN ISO 20846:2011	6,6		(1)
Lead Content	g/L	ASTM D 3237 - 17	<0,005		(1)
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 12	1a		
Existent Gums (Washed)	mg/100ml	ASTM D 381 - 12(2017)	<1		(1)
Total Contamination	mg/Kg	EN ISO 12662:2014	<12		

(1) Test will perform at AmSpec - Cartagena Laboratory

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ANALYTICAL REPORT

Sample Information	Laboratory Information
*Y/ Ref: N/A	Job Number: 434
*Label: AMSPEC	O/ Ref: 647-20-00118
*Origin: TERMINALES CANARIOS TENERIFE	Label: AMSPEC
*Grade: GOA	Sample Package: 2 X 1L CAN BOTTLE
*Seal N°: N/A	Seal N°: N/A
*Identification: ST 102: T0420102 HISTRIA TIGER	Date of reception: 07th/07/2020
*Sampling date: 01/07/2020	Date Analysis started: 07th/07/2020
	Date Analysis completed: 10th/07/20
*Description: SHORE TANK RUNNING SAMPLE	Description: GASOIL

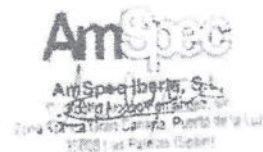
Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001(E)	0,8270		
Viscosity at 40°C	mm ² /s	ISO 3104:1994/Cor.1:1997(E)	2,468		
Sulphur content	mg/Kg	ISO 20846:2011	6,6		(I)
Distillation	°C	ASTM D86 - 16a			
65% Recovered			286,8		
85% Recovered			324,9		
95% Recovered			350,2		
F.B.P.			357,4		
Flash point (Proced. A - Electric Ignitor)	°C	ISO 2719:2002(E)	58,0		(II)
Water Karl Fischer	mg/Kg	ISO 12937:2000(E)	107		
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 12	1a		
Conductivity at 20°C	ps/m	ASTM D2624 - 15	87		
FAME content	%vol	EN 14078:2010	6,5		(I)
CFPP	°C	UNE-EN 116:2015	-15		

(I) Test will perform at AmSpec - Cartagena Laboratory

(II) 101,3 Kpa; Absolute Barometric Pressure.

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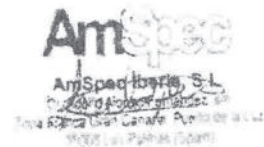
Sample Information	Laboratory Information
*Y/ Ref: N/A	Job Number: 433
*Label: AMSPEC	O/ Ref: 647-20-00118
*Origin: TERMINALES CANARIOS TENERIFE	Label: AMSPEC
*Grade: GNA 98	Sample Package: 2 X 1L CAN BOTTLE
*Seal N°: N/A	Seal N°: N/A
*Identification: ST 312: T0920312 HISTRIA TIGER	Date of reception: 07th/07/2020
*Sampling date: 01/07/2020	Date Analysis started: 07th/07/2020
	Date Analysis completed: 10th/07/2020
*Description: SHORE TANK RUNNING SAMPLE	Description: GNA

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001(E)	0,7498		
DVPE	Kpa	EN ISO 13016-1:2008	56,4		(I)
Distillation		ASTM D86 - 16a			
Evap at 70°C	%Vol		27,2		
Evap at 100°C	%Vol		55,1		
Evap at 150°C	%Vol		93,2		
FBP	°C		167,5		
Residue	%Vol		1,0		
Sulphur	mg/Kg	EN ISO 20846:2011	4,6		(I)
Lead Content	g/L	ASTM D 3237 - 17	<0,005		(I)
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 12	1a		
Existent Gums (Washed)	mg/100ml	ASTM D 381 - 12(2017)	<1		(I)
Total Contamination	mg/Kg	EN ISO 12662:2014	<12		

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