

RESULTADOS DE LOS ENSAYOS REALIZADOS AL DIESEL DE LAS REFINERÍAS Y PLANTAS - 2010

											DESTILACIÓN ASTM D 86 (°C)										
Refinería/Terminal/Planta de Ventas	Producto	Fecha de Muestreo	N° Informe Ensayo	Punto de inflamación ASTM D 93 (°C)	Biodiesel EN 14078 (% Vol)	Azufre ASTM D 4294 (ppm)	Viscosidad ASTM D 445 (cSt)	Gravedad ASTM D 287 °API	Índice de Cetano ASTM D 976	Índice de Cetano ASTM D 4737	(PIE)	(5%)	(10%)	(20%)	(50%)	(90%)	(95%)	(PFE)	(REC.)	(RES.)	(PÉRD.)
Refinería La Pampilla	Diesel 2 S-50	04/01/2010	0007H/10	67.0		<20	3.499	36.9	55.4		172.0	205.0	223.5	249.5	292.0	352.5	370.5	379.5	98.0	1.7	0.3
Refinería La Pampilla	Diesel 2 S-50	17/02/2010	0244H/10	60.0		<20	2.529	37.6	52.5		160.5	178.0	192.0	214.0	270.5	345.0	363.5	378.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel 2 S-50	18/03/2010	0394H/10	58.0		26	2.059	40.4	49.9		164.0	176.0	182.0	194.0	240.0	319.5	336.0	351.5	98.4	1.5	0.1
Refinería La Pampilla	Diesel 2 S-50	22/04/2010	0604H/10	53.0		47	1.425	47.5	48.5		161.0	171.0	174.5	179.5	200.0	276.5	303.0	329.0	99.0	0.8	0.2
Refinería La Pampilla	Diesel 2 S-50	26/08/2010	1087H/10	59.5		22	2.300	36.8	47.9		167.5	187.0	195.0	210.0	256.0	322.5	339.5	352.5	99.0	0.8	0.2
Refinería La Pampilla	Diesel 2 S-50	16/09/2010	1189H/10	63.5		<20	2.151	39.4	48.8		171.0	187.5	194.5	205.0	242.5	320.5	340.0	353.5	98.5	1.3	0.2
Refinería La Pampilla	Diesel 2 S-50	18/10/2010	1421H/10	62.5		20	2.684	37.2	50.1		168.5	188.0	198.0	214.0	262.5	322.0	334.0	344.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2 S-50	04/01/2010	0012H/10	67.0	1.9	< 20	3.501	36.9	55.4	53.8	172.0	206.0	222.5	248.0	292.0	354.0	372.0	381.0	98.0	1.7	0.3
Refinería La Pampilla	Diesel B2 S-50	18/03/2010	0391H/10	58.0	2.2	38	2.001	40.1	49.6	46.3	165.0	177.0	184.0	195.0	241.0	320.5	337.5	351.5	98.0	1.6	0.4
Refinería La Pampilla	Diesel B2 S-50	22/04/2010	0599H/10	60.0	2.1	20	2.017	39.8	48.7	45.6	164.5	180.0	184.5	196.0	239.5	315.5	337.5	350.0	98.0	1.7	0.3
Refinería La Pampilla	Diesel B2 S-50	17/05/2010	0673H/10	59.0	2.2	33	2.163	40.2	50.6	47.9	165.0	181.5	190.5	200.5	244.0	318.0	336.5	348.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2 S-50	16/06/2010	750H/10	67.0	2.0	< 20	2.842	36.7	51.0	48.5	179.0	201.0	212.0	229.0	270.5	328.5	344.0	356.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2 S-50	26/08/2010	1089H/10	59.5	1.9	33	2.261	36.7	47.7	43.8	166.0	185.0	194.0	207.5	254.0	324.0	339.5	350.5	99.0	0.8	0.2
Refinería La Pampilla	Diesel B2 S-50	16/09/2010	1187H/10	58.5	2.0	22	2.136	36.7	48.2	43.5	164.0	181.0	184.0	202.0	248.5	323.0	339.5	350.5	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2 S-50	18/10/2010	1419H/10	56.5	1.7	26	1.998	36.7	49.6	47.2	163.0	176.5	182.5	192.5	234.5	316.5	330.0	340.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2	18/03/2010	0390H/10	56.0	1.9	4230	3.687	33.1	49.0	46.3	150.5	179.5	205.5	248.0	291.5	355.5	371.5	382.5	98.0	1.6	0.4
Refinería La Pampilla	Diesel B2	22/04/2010	0598H/10	58.0	2.2	3490	3.597	33.3	49.0	46.3	155.5	183.5	204.5	243.5	290.0	350.0	374.5	383.0	99.0	0.8	0.2
Refinería La Pampilla	Diesel B2	17/05/2010	0671H/10	64.0	1.9	3590	3.380	33.6	48.5	46.7	156.0	189.0	211.0	244.0	284.0	346.0	367.0	373.5	98.5	1.4	0.1
Refinería La Pampilla	Diesel B2	16/06/2010	749H/10	56.0	2.1	3900	3.584	33.7	50.5	47.4	149.0	176.5	199.0	246.0	295.0	359.0	376.5	385.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2	20/07/2010	885H/10	56.0	2.1	2800	2.703	36.6	50.8	48.6	152.5	172.0	183.0	205.5	270.0	344.5	364.0	377.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2	26/08/2010	1088H/10	65.5	2.1	2850	3.887	36.6	48.0	46.1	163.5	195.0	218.5	253.0	293.5	360.0	381.0	388.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2	16/09/2010	1186H/10	56.5	2.0	3260	3.553	36.6	48.3	44.8	148.5	173.0	195.5	244.0	290.5	357.0	376.0	385.0	98.5	1.3	0.2
Refinería La Pampilla	Diesel B2	18/10/2010	1418H/10	56.5	1.8	3250	2.836	36.6	52.7	50.3	157.5	175.0	184.0	203.0	278.0	355.5	370.5	379.5	98.5	1.3	0.2
Refinería Maple	Diesel 2	25/09/2010	1299H/10	60.5		54	1.793	49.0	62.7		174.5	193.0	200.0	209.0	231.0	283.5	302.5	329.0	99.0	0.8	0.2
Refinería Maple	Diesel B2	28/01/2010	0101H/10	59.0	2.1	2650	2.484	44.0	59.7	60.0	163.5	188.0	196.5	211.0	253.0	346.5	371.5	381.0	98.0	1.8	0.2
Plantas Ventas Maple	Diesel B2	28/01/2010	0104H/10	59.0	1.9	2650	2.431	44.0	59.7	60.2	167.5	188.0	199.0	212.5	253.0	346.0	371.5	382.5	98.0	1.7	0.3
Plantas Ventas Maple	Diesel B2	24/09/2010	1309H/10	58.5	< 1.7 (V.R. = 1,4)	905	2.386	44.0	60.7	61.5	171.0	195.0	204.5	216.0	249.5	347.0	348.5	390.5	98.5	1.3	0.2
Plantas Ventas Maple	Diesel B2	28/10/2010	1594H/10	59.5	< 1.7 (V.R. = 1,5)	1260	2.527	44.0	59.9	60.1	169.0	191.5	200.5	214.5	256.0	354.0	380.0	392.0	98.0	1.5	0.5
Planta Ventas Pucallpa (Petroperú)	Diesel B2	24/09/2010	1302H/10	58.5	1.8	1370	3.308	44.0	53.2	52.0	172.0	197.0	210.0	232.5	287.0	338.5	355.0	362.5	98.5	1.3	0.2
Planta Ventas Pucallpa (Petroperú)	Diesel B2	28/10/2010	1595H/10	53.5	< 1.7 (V.R. = 1,5)	1460	2.287	44.0	51.7	50.9	162.5	180.0	188.0	202.0	257.0	329.5	345.5	358.0	98.5	1.4	0.1
Refinería Talara	Diesel B2	20/09/2010	1220H/10	56.5	1.9	2440	3.770	44.0	52.0	49.6	153.5	179.0	201.0	242.0	293.0	353.5	375.0	386.5	98.5	1.2	0.3
Planta Ventas Talara	Diesel B2	23/03/2010	0436H/10	57.0	2.1	2620	3.406	35.0	51.1	48.9	158.0	185.0	201.0	230.0	285.5	350.5	372.5	385.5	98.5	1.2	0.3
Planta Ventas Talara	Diesel B2	21/09/2010	1221H/10	55.5	1.9	2410	3.776	35.0	52.2	49.6	151.0	179.5	199.5	242.5	294.0	353.0	376.0	386.5	98.5	1.2	0.3
Planta Ventas Talara	Diesel B2	22/10/2010	1527H/10	55.5	1.9	1950	3.505	35.0	51.8	49.5	154.5	180.5	199.0	233.5	288.0	349.0	372.5	384.0	98.5	1.3	0.2
Planta Ventas Piura	Diesel B2	25/03/2010	0434H/10	56.0	2.1	4090	3.474	33.8	49.9	47.4	154.0	179.5	204.0	242.5	290.0	355.5	374.0	379.0	98.5	1.3	0.2
Planta Ventas Piura	Diesel B2	20/09/2010	1219H/10	54.5	1.9	2300	3.744	33.8	52.1	49.5	152.0	178.0	199.0	238.0	292.5	353.0	375.0	382.0	98.5	1.3	0.2
Planta Ventas Piura	Diesel B2	21/10/2010	1526H/10	55.5	1.8	1990	3.472	33.8	51.6	49.2	157.0	183.0	199.0	234.0	287.5	348.5	371.0	384.0	98.0	1.7	0.3
Refinería Conchán	Diesel 2 S-50	18/02/2010	0245H/10	61.0		< 20	2.389	38.7	49.2		166.0	178.0	184.5	202.5	248.5	320.5	338.5	357.0	98.5	1.3	0.2
Refinería Conchán	Diesel 2 S-50	17/06/2010	759H/10	56.0		38	2.023	39.8	47.9		168.0	180.0	186.0	197.0	237.0	320.5	345.5	360.0	98.5	1.3	0.2
Refinería Conchán	Diesel 2 S-50	22/07/2010	889H/10	63.0		31	2.473	40.0	54.6		161.0	186.5	197.0	213.0	261.0	323.0	339.5	348.5	98.5	1.3	0.2
Refinería Conchán	Diesel 2 S-50	16/08/2010	1000H/10	55.0		32	1.806	42.6	48.9		162.5	176.0	181.0	189.5	224.5	311.0	334.5	348.5	98.5	1.3	0.2
Refinería Conchán	Diesel 2 S-50	14/10/2010	1398H/10	70.5		20	2.792	35.3	48.6		183.0	205.0	214.0	228.0	270.0	323.0	339.0	351.0	98.5	1.3	0.2
Refinería Conchán	Diesel 2	17/06/2010	758H/10	56.0		2140	1.895	42.3	50.0		161.5	174.0	179.5	188.5	229.5	327.5	355.5	369.0	99.0	0.7	0.3
Refinería Conchán	Diesel 2	16/08/2010	0999H/10	53.0		1520	1.947	40.9	48.6		160.5	175.5	181.5	192.5	233.0	324.0	349.0	361.0	98.5	1.3	0.2
Refinería Conchán	Diesel 2	14/10/2010	1414H/10	56.5		2390	2.224	40.9	51.7		167.0	183.0	190.5	204.5	251.5	326.5	350.0	367.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2 S-50	04/01/2010	0008H/10	62.0		< 20	2.148	36.7	45.3		168.5	188.0	195.0	207.5	246.5	314.5	332.0	346.0	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2 S-50	04/01/2010	0009H/10	62.0		< 20	2.193	36.7	45.4		169.0	188.5	196.5	208.5	247.0	315.5	332.0	347.0	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2 S-50	04/01/2010	0010H/10	70.0		32	3.077	37.8	54.4		177.0	206.5	222.0	242.5	278.0	334.5	348.5	361.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2 S-50	18/02/2010	0243H/10	58.0		32	2.074	41.3	53.2		164.0	181.5	187.5	199.5	246.5	324.5	340.5	358.0	98.5	1.2	0.3

RESULTADOS DE LOS ENSAYOS REALIZADOS AL DIESEL DE LAS REFINERÍAS Y PLANTAS - 2010

											DESTILACIÓN ASTM D 86 (°C)										
Refinería/Terminal/Planta de Ventas	Producto	Fecha de Muestreo	N° Informe Ensayo	Punto de inflamación ASTM D 93 (°C)	Biodiesel EN 14078 (% Vol)	Azufre ASTM D 4294 (ppm)	Viscosidad ASTM D 445 (cSt)	Gravedad ASTM D 287 °API	Índice de Cetano ASTM D 976	Índice de Cetano ASTM D 4737	(PIE)	(5%)	(10%)	(20%)	(50%)	(90%)	(95%)	(PFE)	(REC.)	(RES.)	(PÉRD.)
Planta Ventas Conchán	Diesel 2 S-50	19/05/2010	0681H/10	58.0		40	1.955	40.5	47.1		162.0	175.5	180.5	189.0	230.5	317.5	340.5	352.0	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2 S-50	17/06/2010	755H/10	57.0		39	2.025	39.3	47.8		162.0	176.5	183.5	194.0	239.5	318.5	339.0	352.5	99.0	0.7	0.3
Planta Ventas Conchán	Diesel 2 S-50	22/07/2010	892H/10	57.0		32	1.874	43.4	52.8		164.5	177.5	180.0	190.5	232.0	314.0	333.5	350.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2 S-50	27/09/2010	1272H/10	58.5		38	1.990	40.4	49.4		163.5	178.5	186.0	197.0	238.5	316.5	336.5	350.0	98.5	1.3	0.2
Planta Ventas Conchán	Diesel B2 S-50	04/01/2010	0013H/10	62.0	1.8	< 20	2.189	36.5	45.3	42.4	170.0	189.0	196.0	208.5	248.0	317.0	333.5	345.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel B2 S-50	18/02/2010	0217H/10	59.0	3.0	29	2.105	41.1	51.6	48.7	163.5	180.5	186.5	198.0	242.0	318.5	335.0	352.5	99.0	0.4	0.6
Planta Ventas Conchán	Diesel B2 S-50	17/03/2010	0373H/10	67.0	< 1,7	31	2.543	40.5	56.4	52.1	165.5	185.5	195.5	213.5	265.0	329.0	346.5	356.0	98.5	1.4	0.1
Planta Ventas Conchán	Diesel B2 S-50	22/04/2010	0587H/10	56.0	2.1	40	2.053	39.5	44.1	43.9	165.0	180.0	186.5	196.0	226.5	325.5	354.5	367.0	98.0	1.7	0.3
Planta Ventas Conchán	Diesel B2 S-50	19/05/2010	0678H/10	59.0	2.5	33	2.057	40.3	46.8	45.4	159.5	176.5	184.0	193.5	230.5	319.0	338.5	353.0	98.5	1.3	0.2
Planta Ventas Conchán	Diesel B2 S-50	19/05/2010	0679H/10	58.0	1.9	25	2.004	40.3	47.4	45.1	161.0	176.0	181.0	190.5	232.5	320.5	341.5	353.0	98.5	1.4	0.1
Planta Ventas Conchán	Diesel B2 S-50	17/06/2010	753H/10	58.0	2.1	40	2.152	38.8	49.4	45.3	166.0	179.0	186.5	200.0	248.5	323.5	343.0	354.5	99.0	0.7	0.3
Planta Ventas Conchán	Diesel B2 S-50	22/07/2010	891H/10	61.0	1.8	35	1.919	43.0	53.1	50.3	163.0	175.0	181.0	191.0	235.5	317.5	336.0	351.0	98.5	1.3	0.2
Planta Ventas Conchán	Diesel B2 S-50	16/08/2010	1007H/10	54.0	2.1	49	1.915	48.4	50.4	48.4	163.5	176.5	182.0	192.0	232.5	319.5	337.5	349.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2	04/01/2010	0011H/10	58.0		1910	2.325	36.5	46.4		161.5	179.0	184.5	196.5	252.0	343.0	365.0	379.0	98.0	1.7	0.3
Planta Ventas Conchán	Diesel 2	22/04/2010	0589H/10	56.0		1320	2.159	41.6	52.4		160.0	174.5	181.0	192.5	241.5	325.5	348.5	364.0	98.0	1.3	0.7
Planta Ventas Conchán	Diesel 2	19/05/2010	0680H/10	57.0		2180	2.285	39.1	49.7		162.5	178.5	184.5	197.0	247.5	321.0	343.0	358.0	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2	17/06/2010	754H/10	53.0		2370	1.857	42.4	50.0		161.0	172.5	179.0	189.5	229.0	328.5	356.0	366.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel 2	27/09/2010	1271H/10	58.5		1550	2.318	35.9	46.3		164.0	184.5	195.0	211.0	255.5	318.0	336.5	347.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel B2	04/01/2010	0015H/10	57.0	2.6	1910	2.352	40.0	53.3	52.3	163.0	178.0	184.0	197.5	255.5	344.0	368.0	379.5	98.0	1.7	0.3
Planta Ventas Conchán	Diesel B2	17/03/2010	0374H/10	54.0	2.4	1780	2.289	39.5	52.3	51.6	164.0	180.0	188.0	203.0	255.0	333.5	354.5	371.5	98.5	1.2	0.3
Planta Ventas Conchán	Diesel B2	22/04/2010	0585H/10	54.0	2.4	1390	2.239	41.3	52.8	52.3	160.0	174.5	180.5	194.0	245.0	329.5	349.5	363.5	98.0	1.7	0.3
Planta Ventas Conchán	Diesel B2	17/06/2010	752H/10	56.0	1.9	2350	1.858	42.4	50.0	50.3	164.5	175.0	180.5	190.0	229.0	329.5	357.5	371.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel B2	22/07/2010	890H/10	54.0	< 1,7	1100	1.746	44.3	50.4	51.1	162.0	173.5	176.0	185.0	220.0	318.0	346.5	367.0	98.5	1.3	0.2
Planta Ventas Conchán	Diesel B2	16/08/2010	1006H/10	53.0	2.0	1540	2.000	49.7	49.7	49.7	161.0	178.0	183.0	194.5	239.0	328.0	352.5	364.5	98.5	1.3	0.2
Planta Ventas Conchán	Diesel B2	27/09/2010	1274H/10	55.5	< 1,7 (V.R. = 1,6)	1980	1.952	49.0	49.2	49.2	160.5	177.0	183.0	193.0	235.5	332.0	356.0	371.5	98.5	1.4	0.1
Planta Ventas Conchán	Diesel B2	14/10/2010	1392H/10	56.5	2.0	2340	2.269	48.6	48.1	48.1	163.0	182.5	190.0	204.0	251.5	329.0	349.5	367.5	98.5	1.3	0.2
Plantas Ventas Herco	Diesel B2 S-50	04/01/2010	0014H/10	62.0	1.8	< 20	2.258	36.6	45.7	42.6	169.5	188.5	196.0	208.5	248.5	316.5	332.0	346.5	98.5	1.3	0.2
Plantas Ventas Herco	Diesel B2 S-50	17/03/2010	0392H/10	62.0	< 1,7	26	2.531	40.4	56.6	51.4	165.0	183.5	191.5	216.0	266.5	330.0	345.5	359.0	98.0	1.6	0.4
Plantas Ventas Herco	Diesel B2 S-50	22/07/2010	888H/10	64.0	2.2	50	2.512	35.5	46.2	42.9	178.0	194.0	203.0	216.0	258.0	322.5	337.0	348.5	98.5	1.3	0.2
Plantas Ventas Herco	Diesel B2 S-50	29/09/2010	1287H/10	68.5	2.4	34	2.531	47.2	44.6	44.6	177.0	198.0	208.0	220.5	261.0	323.0	338.0	350.0	98.5	1.3	0.2
Plantas Ventas Herco	Diesel B2 S-50	19/10/2010	1420H/10	66.5	2.0	< 20	2.621	46.3	43.2	43.2	178.0	196.5	204.0	218.5	258.5	324.5	338.0	349.0	98.5	1.3	0.2
Plantas Ventas Herco	Diesel B2	21/04/2010	0597H/10	57.0	2.0	4120	3.739	33.0	48.5	45.3	150.0	179.5	198.5	244.5	289.5	354.5	371.5	377.5	99.0	0.8	0.2
Plantas Ventas Herco	Diesel B2	19/05/2010	0677H/10	58.0	1.9	1990	2.219	39.0	49.6	49.1	162.0	179.0	185.5	196.0	248.0	322.0	343.0	354.5	98.5	1.3	0.2
Plantas Ventas Herco	Diesel B2	17/06/2010	747H/10	57.0	2.2	4060	3.509	33.8	50.3	47.3	149.0	175.0	197.5	245.0	293.0	358.0	376.0	384.0	98.5	1.3	0.2
Terminal Callao	Diesel 2 S-50	05/01/2010	0016H/10	67.0		< 20	2.386	36.2	46.8		178.0	198.5	207.5	219.5	255.5	317.5	334.5	348.0	98.5	1.3	0.2
Terminal Callao	Diesel 2 S-50	17/02/2010	0246H/10	59.0		22	2.817	38.0	55.2		167.5	180.0	197.5	228.0	280.5	349.5	364.5	380.0	98.5	1.4	0.1
Terminal Callao	Diesel 2 S-50	19/03/2010	0408H/10	68.0		26	2.872	38.9	55.1		171.0	203.5	218.0	236.5	272.0	327.0	340.5	350.5	98.5	1.4	0.1
Terminal Callao	Diesel 2 S-50	21/04/2010	0591H/10	58.0		44	2.162	38.8	44.3		172.0	185.5	191.5	203.0	231.0	324.5	353.5	373.0	98.5	1.3	0.2
Terminal Callao	Diesel 2 S-50	28/04/2010	0624H/10	67.0		< 20	3.023	38.2	52.6		178.5	199.0	209.0	224.0	266.0	332.0	351.5	360.5	98.5	1.3	0.2
Terminal Callao	Diesel 2 S-50	04/05/2010	0639H/10	67.0																	
Terminal Callao	Diesel 2 S-50	04/05/2010	0640H/10	67.0																	
Terminal Callao	Diesel 2 S-50	04/05/2010	0641H/10	69.0																	
Terminal Callao	Diesel 2 S-50	16/06/2010	743H/10	66.0		< 20	3.010	37.8	53.5		175.0	199.0	211.5	232.0	273.5	335.0	353.0	366.5	98.5	1.3	0.2
Terminal Callao	Diesel 2 S-50	21/07/2010	882H/10	58.0		49	3.089	36.9	52.9		161.0	192.0	210.0	237.5	278.0	333.5	349.5	361.5	98.5	1.3	0.2
Terminal Callao	Diesel 2 S-50	13/08/2010	0981H/10	67.0		< 20	3.101	37.0	52.9		173.5	202.0	217.5	239.0	277.0	332.5	347.5	361.0	98.5	1.3	0.2
Terminal Callao	Diesel 2 S-50	13/09/2010	1148H/10	60.5		25	2.484	36.5	50.4		169.0	198.0	210.0	228.5	269.0	334.5	352.0	363.0	98.5	1.3	0.2
Terminal Callao	Diesel 2 S-50	13/10/2010	1399H/10	63.5		< 20	2.243	39.1	51.6		168.0	188.0	197.0	213.0	255.0	329.0	338.0	348.5	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	05/01/2010	0017H/10	62.0	2.0	34	2.212	36.8	45.7	43.0	169.5	188.0	196.5	208.0	247.5	317.5	334.0	346.5	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	05/01/2010	0018H/10	67.0	2.0	24	2.473	36.1	47.0	44.6	179.0	198.0	207.0	220.0	257.0	318.5	334.5	346.5	98.5	1.3	0.2

RESULTADOS DE LOS ENSAYOS REALIZADOS AL DIESEL DE LAS REFINERÍAS Y PLANTAS - 2010

											DESTILACIÓN ASTM D 86 (°C)										
Refinería/Terminal/Planta de Ventas	Producto	Fecha de Muestreo	N° Informe Ensayo	Punto de inflamación ASTM D 93 (°C)	Biodiesel EN 14078 (% Vol)	Azufre ASTM D 4294 (ppm)	Viscosidad ASTM D 445 (cSt)	Gravedad ASTM D 287 °API	Índice de Cetano ASTM D 976	Índice de Cetano ASTM D 4737	(PIE)	(5%)	(10%)	(20%)	(50%)	(90%)	(95%)	(PFE)	(REC.)	(RES.)	(PÉRD.)
Terminal Callao	Diesel B2 S-50	17/02/2010	0190H/10	65.0	2.2	36	2.787	36.9	50.0	46.9	171.0	193.0	205.5	222.5	264.0	328.0	342.5	356.0	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	17/02/2010	0191H/10	67.0	2.0	< 20	2.838	38.4	54.1	52.7	174.0	202.0	217.0	235.5	271.5	326.0	339.0	350.5	99.0	0.4	0.6
Terminal Callao	Diesel B2 S-50	19/03/2010	0404H/10	58.0	< 1,7	67	2.081	41.6	50.6	48.6	159.0	177.0	185.0	193.5	235.5	319.5	340.5	356.0	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	19/03/2010	0405H/10	68.0	2.3	22	2.945	38.7	55.1	53.7	175.0	203.0	218.0	238.0	274.0	329.0	342.0	350.0	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	21/04/2010	0588H/10	59.0	1.8	45	2.247	38.5	44.1	43.8	170.5	186.0	192.0	201.5	232.0	328.0	357.0	372.0	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	28/04/2010	0623H/10	67.0	2.1	< 20	3.051	36.8	50.2	47.3	172.5	191.0	207.0	223.0	266.0	330.5	343.0	357.5	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	04/05/2010	0644H/10	57.0	2.1	42	2.123	38.8	44.5	44.0	169.0	184.5	190.5	200.0	231.5	329.5	360.0	371.0	98.0	1.7	0.3
Terminal Callao	Diesel B2 S-50	16/06/2010	741H/10	58.0	1.8	62	2.120	38.9	47.2	44.2	165.0	180.0	185.5	198.5	240.0	323.5	347.5	359.5	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	16/06/2010	742H/10	66.0	1.8	< 20	3.030	37.6	53.5	50.9	179.5	199.5	212.5	233.0	275.0	334.5	350.0	361.5	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	21/07/2010	881H/10	62.0	< 1,7	64	3.089	38.8	52.1	48.4	171.0	185.5	196.5	213.0	259.5	329.5	347.0	358.8	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	13/08/2010	0967H/10	65.0	2.0	< 20					173.5	202.0	220.5	241.5	279.5	336.0	353.5	362.0	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	13/08/2010	0968H/10	54.0	< 1,7	38					168.0	183.0	191.5	206.5	257.0	325.0	345.0	358.0	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	13/09/2010	1146H/10	61.5	1.8	22	2.877		50.4	47.6	170.0	197.0	210.5	230.0	270.5	335.0	353.0	362.5	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	13/10/2010	1394H/10	60.5	2.1	< 20	2.937		49.9	46.8	171.0	190.5	198.5	212.0	256.0	328.0	338.0	349.0	98.5	1.3	0.2
Terminal Callao	Diesel B2 S-50	13/10/2010	1395H/10	59.5	< 1.7 (V.R. = 1,3)	36	2.639		49.9	46.3	167.0	186.5	194.0	207.0	253.0	321.5	340.0	351.0	98.5	1.3	0.2
Terminal Callao	Diesel B2	19/03/2010	0406H/10	56.0	< 1,7	2420	3.225	36.1	51.2	49.2	160.0	180.0	191.5	213.5	276.5	351.0	371.5	382.5	98.5	1.4	0.1
Terminal Callao	Diesel B2	21/04/2010	0586H/10	56.0	1.7	2110	2.835	37.6	51.9	50.5	159.0	179.5	190.0	210.0	267.5	343.0	364.0	377.5	98.0	1.7	0.3
Terminal Callao	Diesel B2	04/05/2010	0642H/10	57.0	< 1,7	2430	3.344	35.5	51.8	49.3	157.0	178.5	193.0	224.5	285.0	351.5	374.5	381.0	98.0	1.8	0.2
Terminal Callao	Diesel B2	04/05/2010	0643H/10	55.0	1.7	2090	2.719	37.7	52.1	50.6	160.0	179.5	189.0	207.0	267.5	344.5	369.0	375.5	98.5	1.4	0.1
Terminal Callao	Diesel B2	16/06/2010	740H/10	56.0	2.2	2070	3.863	34.4	51.4	48.8	158.0	180.5	201.0	243.5	293.5	359.5	383.5	392.5	98.5	1.3	0.2
Terminal Callao	Diesel B2	21/07/2010	880H/10	53.0	2.0	1940	2.494	39.1	52.6	51.3	161.0	176.5	184.0	199.0	259.0	343.5	365.5	379.5	98.5	1.4	0.1
Terminal Callao	Diesel B2	13/08/2010	0969H/10	55.0	2.0	2010					163.5	186.5	201.0	230.0	281.5	348.5	372.0	383.5	98.5	1.3	0.2
Terminal Callao	Diesel B2	13/09/2010	1145H/10	54.0	3.3	1990	2.134		51.0	55.6	160.0	175.0	181.5	192.0	241.5	338.5	365.0	376.0	98.0	1.8	0.2
Terminal Callao	Diesel B2	13/10/2010	1393H/10	56.5	2.0	1990	3.154		51.1	49.1	158.0	184.0	200.5	226.5	283.0	346.5	364.5	378.0	98.5	1.3	0.2
Refinería El Milagro	Diesel 2	20/10/2010	1533H/10	52.0		1380	4.091	34.3	51.7		153.5	184.5	206.5	240.5	296.5	359.0	376.0	385.0	98.5	1.3	0.2
Planta Ventas El Milagro	Diesel B2	20/10/2010	1532H/10	55.5	1.9	1670	3.835		51.7	49.6	156.5	190.5	208.0	242.0	294.0	355.0	375.0	384.0	98.5	1.3	0.2
Planta Ventas Tarapoto	Diesel B2	16/09/2010	1217H/10	55.5	2.0	2300	3.864		52.1	49.1	152.0	174.0	195.5	242.5	294.5	353.5	377.0	383.5	98.0	1.8	0.2
Planta Ventas Tarapoto	Diesel B2	19/10/2010	1525H/10	58.5	1.9	2060	3.512		51.1	49.1	161.0	188.5	205.0	237.5	287.5	348.0	368.0	384.0	98.5	1.3	0.2
Planta Ventas Yurimaguas	Diesel B2	17/09/2010	1218H/10	55.5	2.2	1180	3.978		52.4	50.5	160.0	192.0	211.0	246.0	295.5	344.0	360.0	371.5	98.5	1.3	0.2
Refinería Iquitos	Diesel 2	20/09/2010	1298H/10	70.5		1170	4.053	34.5	51.9		178.0	203.0	220.0	253.0	295.5	337.0	348.0	354.0	98.5	1.3	0.2
Refinería Iquitos	Diesel 2	21/10/2010	1596H/10	80.0		1150	4.183	34.2	51.1		197.0	228.5	243.0	260.5	293.5	332.5	342.0	349.5	98.0	1.4	0.6
Refinería Iquitos	Diesel B2	20/09/2010	1300H/10	63.5	< 1.7 (V.R. = 1,2)	1160	4.008		52.0	50.9	175.0	205.0	224.0	255.0	295.0	334.0	344.5	353.0	98.5	1.3	0.2
Planta Ventas Iquitos	Diesel B2	20/09/2010	1301H/10	61.5	3.3	1160	4.145		51.7	51.7	185.0	218.0	235.0	259.5	296.5	338.0	348.0	357.0	98.5	1.3	0.2
Planta Ventas Pure BioFuels	Diesel 2 S-50	23/04/2010	0610H/10	71.0		< 20	2.496	35.6	45.5		174.0	192.5	201.5	214.5	254.5	321.5	339.5	349.0	98.0	1.7	0.3
Planta Ventas Pure BioFuels	Diesel 2 S-50	17/05/2010	0674H/10	68.0		< 20	2.619	35.5	45.4		172.0	191.5	200.0	213.5	255.0	320.5	339.0	348.0	98.5	1.3	0.2
Planta Ventas Pure BioFuels	Diesel 2 S-50	16/06/2010	744H/10	72.0		< 20	2.470	35.6	46.3		176.5	192.5	201.5	219.0	258.0	322.5	338.0	350.5	98.5	1.3	0.2
Planta Ventas Pure BioFuels	Diesel 2 S-50	20/07/2010	884H/10	67.0		50	2.488	35.6	45.7		176.5	193.0	202.5	217.0	255.5	318.0	334.0	349.0	98.0	1.8	0.2
Planta Ventas Pure BioFuels	Diesel 2 S-50	16/08/2010	0995H/10	68.0		26	2.564	35.5	45.9		176.0	194.0	201.0	217.5	257.0	323.0	340.0	350.0	98.5	1.3	0.2
Planta Ventas Pure BioFuels	Diesel 2 S-50	28/09/2010	1275H/10	67.5		34	2.475	35.6	46.5	67.5	177.5	196.5	205.5	219.5	258.5	322.5	340.0	351.0	98.5	1.3	0.2
Planta Ventas Pure BioFuels	Diesel 2 S-50	26/10/2010	1480H/10	67.5		< 20	2.481		46.6		179.0	196.0	204.0	219.0	259.0	322.0	337.0	349.0	98.5	1.4	0.1
Planta Ventas Pure BioFuels	Diesel B2 S-50	20/07/2010	883H/10	68.0	1.8	36	2.769	38.6	53.7	51.8	174.0	199.5	212.5	230.0	268.0	324.5	338.0	351.5	98.5	1.4	0.1
Planta Ventas Pure BioFuels	Diesel B2 S-50	16/08/2010	0994H/10	67.0	1.9	28	2.573	35.5	45.9	42.9	176.5	194.5	203.5	216.5	257.0	323.0	340.0	348.5	98.5	1.3	0.2
Planta Ventas Pure BioFuels	Diesel B2 S-50	28/09/2010	1276H/10	68.5	2.2	34	2.526	47.2	44.5		177.0	199.0	207.5	221.0	261.0	324.0	339.5	349.0	98.5	1.3	0.2
Planta Ventas Pure BioFuels	Diesel B2 S-50	23/04/2010	0608H/10	67.0	< 1,7	23	2.489	38.7	51.2	48.2	169.5	190.0	198.5	214.0	256.5	327.5	345.0	356.0	98.0	1.7	0.3
Planta Ventas Pure BioFuels	Diesel B2	17/05/2010	0672H/10	63.0	< 1,7	116	2.631	38.6	51.8	51.9	169.0	190.5	203.0	215.5	259.5	328.5	349.0	358.0	98.5	1.3	0.2
Planta Ventas Pure BioFuels	Diesel B2 S-50	16/06/2010	751H/10	63.0	1.7	24	2.497	38.6	51.8	48.9	172.5	191.0	201.0	215.5	259.5	328.5	349.5	359.5	98.5	1.3	0.2
Terminal Eten	Diesel B2	22/03/2010	0435H/10	59.0	2.1	2630	3.631	34.8	51.3	49.5	162.0	190.0	207.0	236.0	289.0	352.5	375.5	385.5	98.0	1.6	0.4
Terminal Eten	Diesel B2	26/03/2010	0437H/10	57.0	< 1,7	1900	2.467	39.0	52.3	51.0	160.0	176.0	184.0	199.5	258.5	346.0	369.5	381.0	98.0	1.6	0.4
Terminal Eten	Diesel B2	22/09/2010	1222H/10	54.5	1.9	2730	3.241		51.0	48.1	153.5	183.0	197.5	228.0	292.0	352.0	371.0	384.0	98.5	1.3	0.2

RESULTADOS DE LOS ENSAYOS REALIZADOS AL DIESEL DE LAS REFINERÍAS Y PLANTAS - 2010

											DESTILACIÓN ASTM D 86 (°C)										
Refinería/Terminal/Planta de Ventas	Producto	Fecha de Muestreo	N° Informe Ensayo	Punto de inflamación ASTM D 93 (°C)	Biodiesel EN 14078 (% Vol)	Azufre ASTM D 4294 (ppm)	Viscosidad ASTM D 445 (cSt)	Gravedad ASTM D 287 °API	Índice de Cetano ASTM D 976	Índice de Cetano ASTM D 4737	(PIE)	(5%)	(10%)	(20%)	(50%)	(90%)	(95%)	(PFE)	(REC.)	(RES.)	(PÉRD.)
Terminal Eten	Diesel B2	23/10/2010	1528H/10	55.5	1.8	2340	2.547		50.4	49.5	160.5	178.5	197.5	208.0	264.5	337.0	358.5	373.0	98.5	1.3	0.2
Terminal Salaverry	Diesel B2	23/09/2010	1223H/10	54.0	2.8	2250	2.497		52.8	51.4	158.0	176.5	185.5	201.5	264.5	343.5	364.5	379.0	98.5	1.3	0.2
Terminal Salaverry	Diesel B2	25/10/2010	1529H/10	54.0	1.9	1880	3.248		50.7	48.5	156.0	183.0	200.0	226.5	283.5	343.5	365.5	378.5	98.5	1.3	0.2
Terminal Chimbote	Diesel B2	12/08/2010	0971H/10	50.0	1.8	1520					164.0	183.0	192.0	206.5	252.0	331.0	354.0	367.0	98.5	1.3	0.2
Terminal Chimbote	Diesel B2	24/09/2010	1224H/10	54.0	2.0	1630	1.893		47.8	48.4	159.0	176.0	182.0	191.5	230.5	321.0	343.5	361.5	98.5	1.3	0.2
Terminal Chimbote	Diesel B2	26/10/2010	1530H/10	55.5	1.9	3280	3.052		49.1	46.6	156.5	179.0	194.0	220.5	280.0	351.5	370.0	384.0	98.5	1.3	0.2
Terminal Supe	Diesel B2	23/07/2010	920H/10	54.0	1.9	2800	3.475	34.4	50.8	47.7	148.5	168.5	192.0	241.5	290.0	355.0	373.0	383.5	98.5	1.3	0.2
Terminal Supe	Diesel B2	13/08/2010	0977H/10	55.0	2.1	3300	3.320	35.2	45.1	44.0	168.0	182.0	192.0	206.5	255.5	323.0	343.5	361.5	98.5	1.3	0.2
Terminal Supe	Diesel B2	25/09/2010	1259H/10	56.5	1.8	2310	2.717		48.0	46.3	158.0	182.5	194.5	215.0	269.0	340.0	358.0	376.0	99.0	0.8	0.2
Terminal Supe	Diesel B2	27/10/2010	1531H/10	59.5	2.0	4350	3.667		51.3	47.9	153.5	179.0	198.0	238.5	299.0	354.5	368.0	381.0	98.5	1.3	0.2
Terminal Pisco	Diesel B2	12/08/2010	0970H/10	53.0	2.0	4100					153.0	175.0	195.5	238.0	295.0	355.5	373.0	382.5	98.5	1.3	0.2
Terminal Pisco	Diesel B2	29/09/2010	1286H/10	55.5	2.4	3380	3.573		49.1	46.1	152.0	181.0	202.0	241.5	292.5	355.0	374.0	384.5	98.5	1.3	0.2
Terminal Pisco	Diesel B2	15/10/2010	1371H/10	61.5	1.7	4470	3.746		43.5	43.0	170.0	191.0	199.0	212.5	255.0	328.0	337.5	349.0	98.5	1.3	0.2
Terminal Mollendo	Diesel B2	04/09/2010	1108H/10	58.5	1.9	3300	3.669		49.5	47.4	154.5	179.5	204.5	250.5	293.5	359.5	379.0	386.5	98.5	1.3	0.2
Terminal Ilo	Diesel B2	28/09/2010	1285H/10	51.5	1.8	2280	3.290		54.2	52.1	150.0	177.0	193.5	221.0	289.0	350.0	369.5	384.0	98.5	1.3	0.2
Terminal Ilo	Diesel B2	14/10/2010	1372H/10	55.5	< 1.7 (V.R. = 1.6)	2670	3.435		44.4	43.7	165.0	182.0	190.5	205.0	252.0	327.0	350.0	367.5	98.5	1.3	0.2
Planta Cusco	Diesel B2	17/08/2010	1097H/10	57.5	2.1	1510	2.330		45.9	45.7	169.0	194.0	203.0	215.5	256.0	328.5	345.5	359.0	98.5	1.3	0.2
Planta Cusco	Diesel B2	27/09/2010	1283H/10	54.5	2.0	2630	3.288		52.4	50.0	159.0	183.0	197.5	229.0	290.5	353.0	371.5	381.0	98.5	1.3	0.2
Planta Cusco	Diesel B2	12/10/2010	1374H/10	53.5	1.9	2750	3.414		51.5	49.1	154.5	178.5	198.0	230.0	288.0	351.0	374.0	384.0	98.5	1.3	0.2
Planta Ventas Juliaca	Diesel B2	27/09/2010	1284H/10	55.5	2.1	3040	3.220		49.7	47.1	156.0	181.0	198.0	228.5	285.0	353.5	371.0	383.0	98.5	1.3	0.2
Planta Ventas Juliaca	Diesel B2	11/10/2010	1375H/10	55.5	1.8	2670	3.337		51.2	48.9	153.0	181.0	198.0	226.0	286.5	350.5	372.5	382.0	98.5	1.3	0.2
Planta Ventas EMCOPESAC	Diesel B2	19/03/2010	0407H/10	56.0	2.8	4270	3.722	33.2	48.8	45.9	148.5	176.5	201.5	241.5	289.5	353.5	370.5	379.5	98.5	1.4	0.1
Planta Ventas EMCOPESAC	Diesel B2	18/05/2010	0676H/10	64.0	2.0	3860	3.795	33.0	48.6	47.2	165.5	200.5	221.0	251.0	290.0	351.0	370.0	378.5	98.5	1.3	0.2
Planta Ventas EMCOPESAC	Diesel B2	20/07/2010	866H/10	56.0	2.0	3470	3.517	35.2	51.9	49.5	150.5	175.0	197.0	240.0	288.5	354.0	370.5	382.5	98.5	1.3	0.2
Planta Ventas EMCOPESAC	Diesel B2	16/08/2010	1003H/10	58.0	2.0	4150	3.656		51.7	49.2	155.0	184.0	204.0	250.5	296.5	357.0	372.5	380.5	98.5	1.3	0.2
Planta Ventas EMCOPESAC	Diesel B2	16/09/2010	1188H/10	58.5	1.9	3680	3.68		48.9	45.9	151.0	179.0	204.5	250.5	294.0	358.5	377.0	384.5	98.5	1.3	0.2
Planta Ventas EMCOPESAC	Diesel B2	19/10/2010	1472H/10	58.5	1.8	3240	2.824		51.0	48.5	161.0	177.5	187.0	208.0	281.5	353.5	370.5	381.0	98.0	1.5	0.5
Planta Ventas EMCOPESAC	Diesel B2 S-50	23/04/2010	0612H/12	59.0	1.9	30	2.049	39.4	43.7	43.4	166.5	178.5	185.0	195.5	226.0	325.0	353.5	365.5	98.0	1.6	0.4
Planta Ventas EMCOPESAC	Diesel B2 S-50	17/06/2010	766H/10	62.0	< 1.7	< 20	2.488	38.7	50.9	48.7	173.5	192.0	202.5	216.5	255.0	327.0	346.5	359.0	98.5	1.3	0.2