

Public Legal Entity - Levan Samkharauli

National Forensics Bureau

N 190330

10.04.2009

Mr. Dan Voicu

Director General of

“Rompetro Georgia” LLC

In response to your statement G1612 dated 7 April 2009, we send conclusion k999/23.

Annex: Expert report – 4 (four) pages;

Testing protocols – 6 (six) pages.

With respect

Giorgi Ckhakaia

Head of Bureau

A receipt

confirming that an expert

Nino Kobaladze

warned about the responsibility for knowingly giving false imprisonment in accordance with Article 370 the Criminal Code of Georgia.

Signature

07.04.2009

Conclusion of expert k999/23

10.04.2009

April 7, 2009 in the Levan Samkharauli National Forensics Bureau, on the basis of Mr. Dan Voicu Director General of "Rompetrol Georgia" LLC statement G1612, received for analysis 2 packages for chemical examination of petroleum products.

Levan Samkharauli National Forensics Bureau

Laboratory of quality control of petroleum products

84 Chavchavadze ave. Tbilisi

Tel/Fax: (99532) 290487; 290524; 234255

POL test report N7

Euro-diesel (before adding)

The name of the POL sample

Submitted sample

Number and date of sampling, sampling place

"Rompetrol Georgia" Ltd

An organization which has taken a sample, from a volume

Teste

purpose of laboratory tests

Standard methods of testing

Normative documents in accordance with which tests are carried out

Quality index	Used standard	Result
Cetan number	Techniques of "Oil Chemistry Institute" SB RAS	55
Sulfur content, ppm	ASTM D 2622	48
Flash-point, °C	GOST 6356	48
Distillation parameters:	ASTM D 86	
Volume % that distills at 250 °C		47,8
Volume % that distills at 350 °C		-
95%, at °C		335,9

- At 348,9 °C distill 99,1%

Analysis carried out 8 April 2008

Expert

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POL test report N7<sup>1</sup>

Euro-diesel (after adding)

The name of the POL sample

Submitted sample

Number and date of sampling, sampling place

"Rompetrol Georgia" Ltd

An organization which has taken a sample, from a volume

Teste

purpose of laboratory tests

Standard methods of testing

Normative documents in accordance with which tests are carried out

Quality index	Used standard	Result
Cetan number	Techniques of "Oil Chemistry Institute" SB RAS	55
Sulfur content, ppm	ASTM D 2622	45
Flash-point, °C	GOST 6356	48
Distillation parameters:	ASTM D 86	
Volume % that distills at 250 °C		48,3
Volume % that distills at 350 °C		-
95%, at °C		335,9

- At 346,9 °C distill 99,0%

Analysis carried out 8 April 2008

Expert

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POL test report N7<sup>2</sup>

Petrol RON 95 euro-premium (before adding)

The name of the POL sample Submitted sample
Number and date of sampling, sampling place "Rompetrol Georgia" Ltd
An organization which has taken a sample, from a volume Teste
purpose of laboratory tests Standard methods of testing
Normative documents in accordance with which tests are carried out

Quality index	Used standard	Result
Distillation range:	ASTM D 86	
Initial boiling point °C		40
10% distilled at °C		58
50% distilled at °C		110
90% distilled at °C		174
Final boiling point °C		198
Residue after distillation % (vol)		1
Residue and losses % (vol)		2,5
Octan number	Techniques of "Oil Chemistry Institute" SB RAS	97,3
Pressure of saturated vapor, KPa	ASTM 323	68
Sulfur content, ppm	ASTM 2622	309

Analysis carried out 8 April 2008

Expert

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Levan Samkharauli National Forensics Bureau

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POL test report N7<sup>3</sup>

Petrol RON 95 euro-premium (after adding)

The name of the POL sample Submitted sample
Number and date of sampling, sampling place "Rompetrol Georgia" Ltd
An organization which has taken a sample, from a volume Teste
purpose of laboratory tests Standard methods of testing
Normative documents in accordance with which tests are carried out

Quality index	Used standard	Result
Distillation range:	ASTM D 86	
Initial boiling point °C		41
10% distilled at °C		60
50% distilled at °C		110
90% distilled at °C		174
Final boiling point °C		198
Residue after distillation % (vol)		1
Residue and losses % (vol)		2,5
Octan number	Techniques of "Oil Chemistry Institute" SB RAS	97,5
Pressure of saturated vapor, KPa	ASTM 323	61
Sulfur content, ppm	ASTM 2622	305

Analysis carried out 8 April 2008

Expert

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POL test report N7<sup>4</sup>

Petrol RON 92 euro-regular (before adding)

The name of the POL sample Submitted sample
Number and date of sampling, sampling place "Rompetrol Georgia" Ltd
An organization which has taken a sample, from a volume Teste
purpose of laboratory tests Standard methods of testing
Normative documents in accordance with which tests are carried out

Quality index	Used standard	Result
Distillation range:	ASTM D 86	
Initial boiling point °C		49
10% distilled at °C		65
50% distilled at °C		116
90% distilled at °C		180
Final boiling point °C		197
Residue after distillation % (vol)		0,8
Residue and losses % (vol)		2,5
Octan number	Techniques of "Oil Chemistry Institute" SB RAS	95,2
Pressure of saturated vapor, KPa	ASTM 323	66
Sulfur content, ppm	ASTM 2622	869

Analysis carried out 8 April 2008

Expert

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POL test report N7<sup>5</sup>

Petrol RON 92 euro-regular (after adding)

The name of the POL sample Submitted sample
Number and date of sampling, sampling place "Rompetrol Georgia" Ltd
An organization which has taken a sample, from a volume Teste
purpose of laboratory tests Standard methods of testing
Normative documents in accordance with which tests are carried out

Quality index	Used standard	Result
Distillation range:	ASTM D 86	
Initial boiling point °C		49
10% distilled at °C		58
50% distilled at °C		109
90% distilled at °C		177
Final boiling point °C		198
Residue after distillation % (vol)		1,1
Residue and losses % (vol)		2
Octan number	Techniques of "Oil Chemistry Institute" SB RAS	94,7
Pressure of saturated vapor, KPa	ASTM 323	64
Sulfur content, ppm	ASTM 2622	860

Analysis carried out 8 April 2008

Expert

N. Kobaladze