



Client : CHEVRON GUATEMALA INC.
Customer address : Diagonal 6, 10-50 Zona 10 Edificio Interamericas 4o. Nivel Torre Sur
Client Reference : TBC
Our Reference : OTIGT19-0844 **Lab. Reference:** 0958-2019
Terminal : PUERTO BARRIOS / CHEVRON
Location : PUERTO BARRIOS, GUATEMALA
Product ⁽¹⁾ : DIESEL OIL
Inspection Date : JULY 25th, 2019
Sample Obtained by ⁽³⁾ : OTI GUATEMALA / OPERATIONS
Sample Obtained From : ANDREA CORRADO
Sample Date : JULY 25th, 2019
Sample Analyzed by : OTI GUATEMALA
Sample reception : JULY 25th, 2019
Analysis Date : JULY 26th, 2019
Report Date : JULY 26th, 2019

ANALYSIS REPORT

☒ Analyzed
 ☐ Witness⁽²⁾

Test	Units	Method	Specifications	Results
API Gravity @60°F	Degrees	D 287	Report	33.1
Flash Point	°C	D 93	52 min	68.0
Cetane Index	N/A	D 976	45 min	47.6
Distillation	°C	D 86	----	---
Initial Boiling Point	°C		Report	170.0
10% Recovered	°C		Report	228.0
50% Recovered	°C		Report	285.0
90% Recovered	°C		360 max	335.0
Final Boiling Point	°C		Report	357.0
Recovered	vol%		Report	98.0
Residue	vol%		Report	1.0
Loss	vol%		Report	1.0
Sulfur	wt%	D 4294	0.05 max	0.0440
Cloud Point	°C	D 2500	Report	-6
Kinematic Viscosity @40°C	cSt	D 445	1.9-4.1	3.230
Carbon Conradson Residue	wt%	D 189	0.1 max	0.01
Lubricity @ 60°C by HFRR	µm	D 6079	520 max	380
Mayor Axis	µm		Report	400
Menor Axis	µm		Report	360
Electrical Conductivity	pS/m	D 2624	25 min	243
temperature	°C		report	27.2
appearance	N/A	D 4176	C&B	C&B
Color ASTM	N/A	D 1500	2 max	0.5
Copper Strip Corrosion 3h @ 122 °F	N/A	D 130	No. 2 max	1A
Ash Content	Mass %	D 482	0.01 Max	<0.001
Water & Sediment	vol%	D 2709	0.05 Max	<0.05
Density @ 15°C	kg/m3	D 1298	Report	859.2
Pour Point	°C	D 97	Report	-12
Heat of Combustion Net	MJ/kg	D 4868	Report	42.640
Heat of Combustion Gross	MJ/kg	D 4868	Report	45.410

⁽¹⁾ As describe by client

Remarks:

Este producto cumple con las Normas ASTM y el RTCA para Diesel Oil 75.01.15:04

Carmen Barrera
Lab Technical Manager

End of Report

⁽²⁾ Our responsibility in the witnessing of analysis is solely to witness that the analysis is conducted on the correct sample and the standard method indicated by the client. Therefore the Client agrees that **Oil Test Internacional** is not responsible for the condition of apparatus, instrumentation and measuring devices, and that accepts calibration data, reagents, etc., as presented.

⁽³⁾ Analysis report corresponds to the sample supplied to the laboratory by (see above "Sample Obtained by")

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