

THE OTI CANADA GROUP

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Client: CAD Railway Industries
 Client Ref # : PO 22035TS
 Our Ref # : M11-891A

Product: Diesel
 Date of Report: August 2, 2011
 Date sample received: July 29, 2011
 Date sample drawn: n/a
 Sample from: **CAD Railway Industries**
Montreal

LABORATORY REPORT

Treated fuel (Fuel + additive)

SAMPLE #	TEST	ASTM #	MIN.	MAX.	TEST RESULTS
MTL11- 6299	Density, kg/L @ 15°C	D4052-09	Report		0,8239
MTL11- 6299	Sulfur, mg/kg	D5453-08b		15	8,0
MTL11- 6299	Flashpoint, °C	D93-07	40,0		45,0
MTL11- 6299	Conductivity, pS/m Test Temp, °C	D2624-07a	25		354
				Report	20
MTL11- 6299	Oxidation Stability, mg/100 mL	D2274-03a(2008)	Report		To Follow
MTL11- 6299	Cold filter plugging , oC	D6371-05(2010)	Report		-26
MTL11- 6299	Ash, % mass	D482-03		0,010	<0,001
MTL11- 6299	Carbon Residue on 10% bottom, % mass	D4530-06e1		0,10	<0,01
MTL11- 6299	Water and sediment , % volume	D1796-04(2009)		0,05	<0,025
MTL11- 6299	Lubricity Major Axis, mm Minor Axis, mm Wear Scar Diameter, µm Temp, °C	D 6079-04e1	Report		0,472
			Report		0,406
			460		439
			Report		60
MTL11- 6299	Phosphorus Content, mg/kg	prEN 14107	Report		<1
MTL11- 6300	Particule, mg/L	D6217-10	Report		3,0
MTL11- 6299	Cloud Point, °C	D2500-05	Report		-15
MTL11- 6299	Pour Point, °C	D97-06	Report		-21

Report issued by: Yves Aubin

Yves Aubin, Laboratory supervisor
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August 2, 2011

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Client: CAD Railway Industries
 Client Ref # : PO 22035TS
 Our Ref # : M11-891B

Product: Diesel
 Date of Report: August 2, 2011
 Date sample received: July 29, 2011
 Date sample drawn: n/a
 Sample from: **CAD Railway Industries**
Montreal

LABORATORY REPORT

Diesel fuel no 2 (No additive)

SAMPLE #	TEST	ASTM #	MIN.	MAX.	TEST RESULTS
MTL11- 6301	Density, kg/L @ 15°C	D4052-96(2002)e1	Report		0,8238
MTL11- 6301	Sulfur, mg/kg	D5453-08b		15	7,5
MTL11- 6301	Flashpoint, °C	D93-07	40,0		45,0
MTL11- 6301	Conductivity, pS/m	D2624-07a	25		550
	Test Temp, °C			Report	20
MTL11- 6301	Oxidation Stability, mg/100 mL	D2274-03a(2008)	Report		To Follow
MTL11- 6301	Cold filter plugging , oC	D6371-05(2010)	Report		-24
MTL11- 6301	Ash, % mass	D482-03		0,010	<0,001
MTL11- 6301	Carbon Residue on 10% bottom, % mass	D4530-06e1		0,10	<0,01
MTL11- 6301	Water and sediment , % volume	D1796-04(2009)		0,05	<0,025
MTL11- 6301	Lubricity				
	Major Axis, mm			Report	0,474
	Minor Axis, mm	D 6079-04e1		Report	0,409
	Wear Scar Diameter, µm		460		442
	Temp, °C			Report	60
MTL11- 6301	Phosphorus Content, mg/kg	prEN 14107	Report		<1
MTL11- 6302	Particule, mg/L	D6217-10	Report		6,8
MTL11- 6301	Cloud Point, °C	D2500-05	Report		-15
MTL11- 6301	Pour Point, °C	D97-06	Report		-21

Report issued by: Yves Aubin

Yves Aubin, Laboratory supervisor
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