



**POWER SYSTEMS**  
**SYSTÈMES DE PUISSANCE**

**FUEL REPORT**

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
FUEL CONDITION	<b>NORMAL</b>

Area  
**DES GROSELLIERS [48233]**

Machine Id  
**524101682**

Component  
**Diesel Fuel**

Fluid  
**DIESEL FUEL No. 2 (--- GAL)**

**RECOMMENDATION**

Les tests de laboratoire indiquent que ce carburant peut être utilisé et qu'il répond à toutes les exigences. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

**CORROSION**

{sans objet}

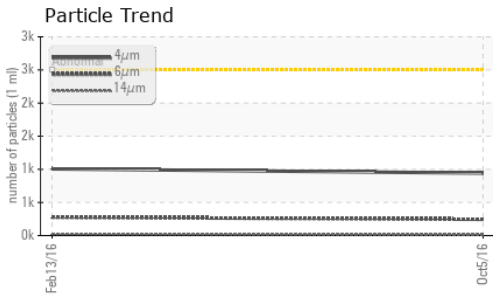
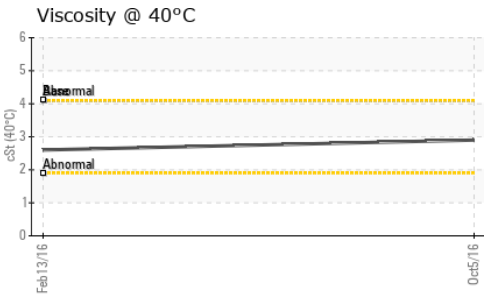
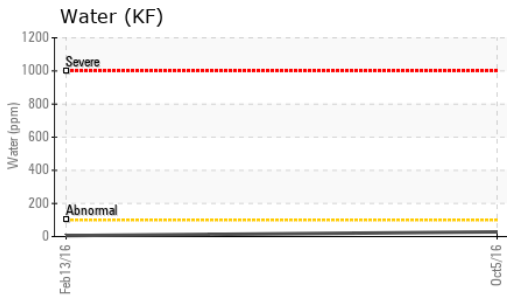
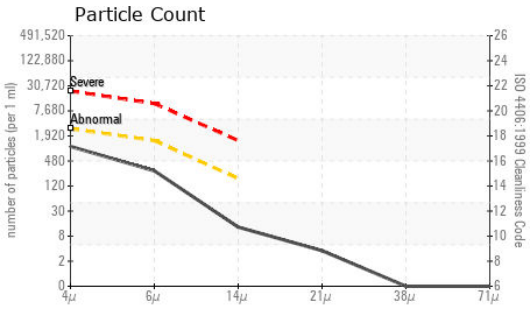
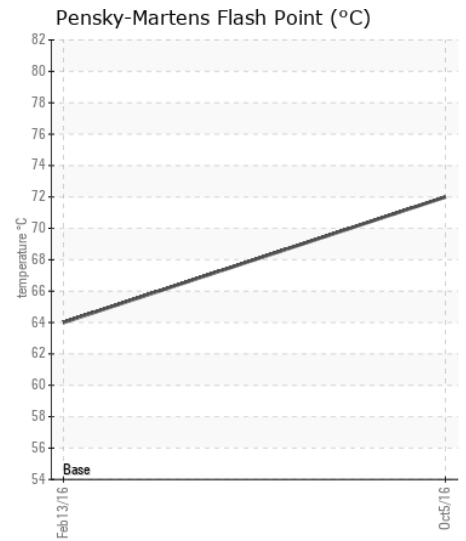
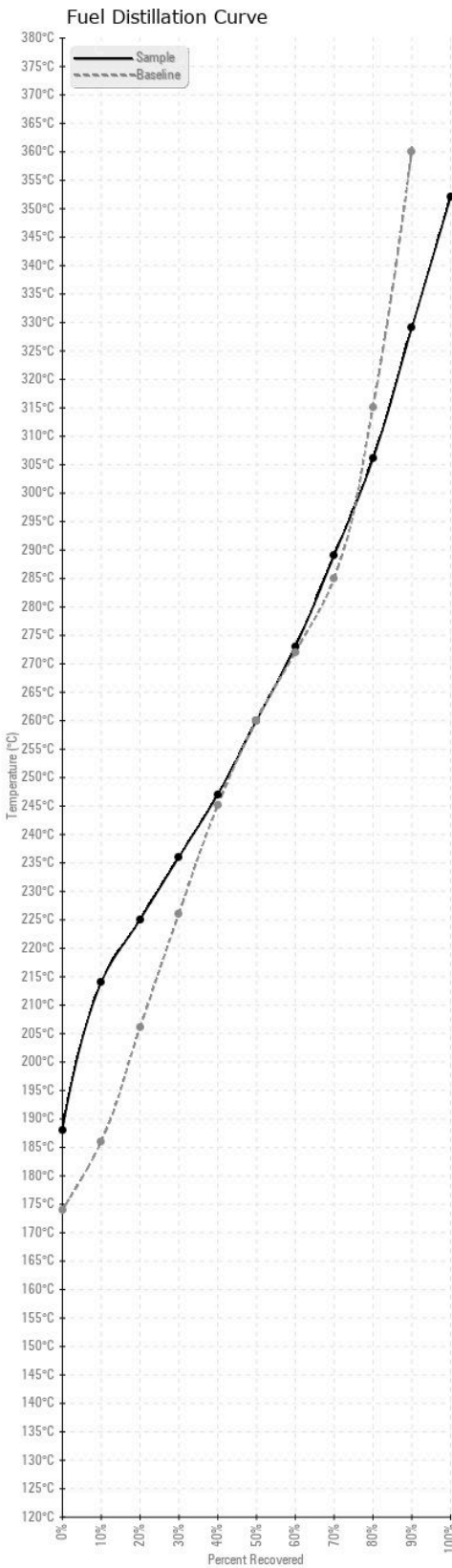
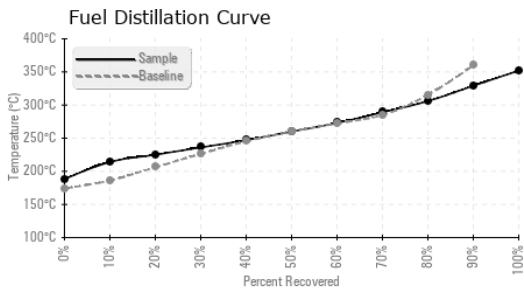
**CONTAMINANTS**

La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans le carburant diesel.

**FUEL CONDITION**

Tous les tests en laboratoire indiquent que cet échantillon répond aux spécifications du diesel n° 2 à basse teneur en soufre (CGSB-3.7-3 type B).

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WA0008923</b>	WA0007778	---
Sample Date		Client Info		<b>05 Oct 2016</b>	13 Feb 2016	---
Machine Age	hrs	Client Info		<b>3958</b>	1517	---
Sample Status				<b>NORMAL</b>	NORMAL	---
Aluminum	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Lead	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Iron	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Silicon	ppm	ASTM D5185(m)	<1.0	<b>0</b>	0	---
Sodium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Potassium	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	<1	---
Water	%	ASTM D6304*	<0.05	<b>0.002</b>	0.000	---
ppm Water	ppm	ASTM D6304*	<500	<b>28.2</b>	5.7	---
Particles >4µm		ASTM D7647	>2500	<b>942</b>	1006	---
Particles >6µm		ASTM D7647	>1300	<b>245</b>	276	---
Particles >14µm		ASTM D7647	>160	<b>11</b>	24	---
Particles >21µm		ASTM D7647	>40	<b>3</b>	5	---
Particles >38µm		ASTM D7647	>10	<b>0</b>	0	---
Particles >71µm		ASTM D7647	>3	<b>0</b>	0	---
Oil Cleanliness		ISO 4406 (c)	>18/17/14	<b>17/15/11</b>	17/15/12	---
Calcium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	<1	---
Phosphorus	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	<1	---
Zinc	ppm	ASTM D5185(m)	<0.1	<b>0</b>	<1	---
Specific Gravity		ASTM D1298*	0.850	<b>0.831</b>	0.822	---
Fuel Color	text	Visual Screen*	YELLOW	<b>Yllow</b>	Pink	---
Visc @ 40°C	cSt	ASTM D7279(m)	4.1	<b>2.9</b>	2.6	---
Pensky-Martens Flash Point	°C	ASTM D7215*	40	<b>72</b>	64	---
Sulfur	ppm	ASTM D5185(m)		<b>5</b>	4	---
Initial Boiling Point	°C	ASTM D2887*	174	<b>188</b>	177	---
10% Distill Point	°C	ASTM D2887*	186	<b>214</b>	209	---
20% Distill Point	°C	ASTM D2887*	206	<b>225</b>	223	---
30% Distill Point	°C	ASTM D2887*	226	<b>236</b>	237	---
40% Distill Point	°C	ASTM D2887*	245	<b>247</b>	250	---
50% Distill Point	°C	ASTM D2887*	260	<b>260</b>	264	---
60% Distill Point	°C	ASTM D2887*	272	<b>273</b>	276	---
70% Distill Point	°C	ASTM D2887*	285	<b>289</b>	289	---
80% Distill Point	°C	ASTM D2887*	315	<b>306</b>	303	---
90% Distill Point	°C	ASTM D2887*	360	<b>329</b>	321	---
Final Boiling Point	°C	ASTM D2887*	>360	<b>352</b>	345	---
Distillation Residue	%	ASTM D86(e)*	3.0	<b>1.4</b>	1.4	---
Distillation Loss	%	ASTM D86(e)*	3.0	<b>0.9</b>	0.7	---
API Gravity		ASTM D1298*	35.0	<b>38.8</b>	40.6	---
Cetane Index		ASTM D4737*	<40.0	<b>51.4</b>	56.0	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0008923  
**Lab Number** : 02112918  
**Unique Number** : 4419280  
**Test Package** : FUEL ( Additional Tests: CC Flash, GasChr, GC-PercFuel, PRTCOUNT )

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To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.