

Area  
**[332256]**  
 Machine Id  
**PM7965**  
 Component  
**Diesel Fuel**  
 Fluid  
**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- 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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>CU0022567</b>	---	---
Sample Date		Client Info		<b>16 Feb 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**CORROSION**

{sans objet}

Aluminum	ppm	ASTM D5185(m)	<0.1	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	<0.1	<b>0</b>	---	---
Lead	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	---	---
Iron	ppm	ASTM D5185(m)	<0.1	<b>0</b>	---	---

**CONTAMINANTS**

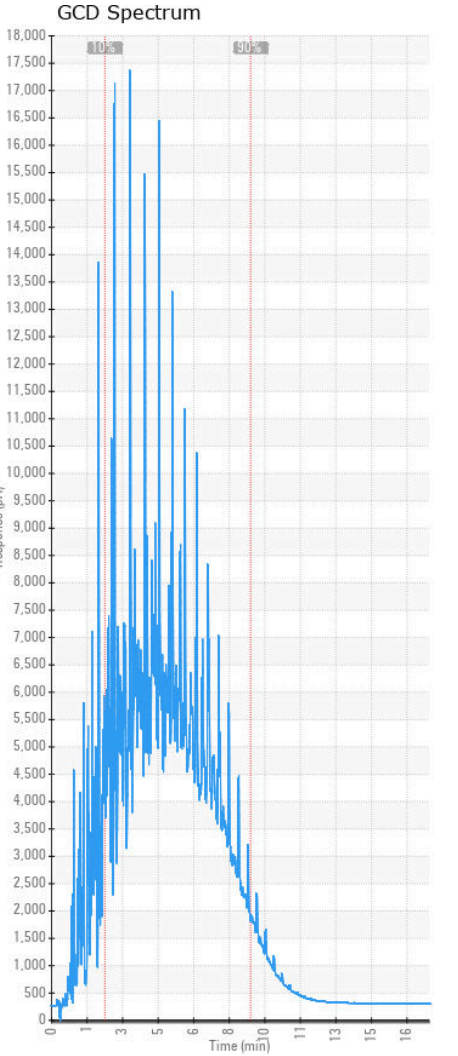
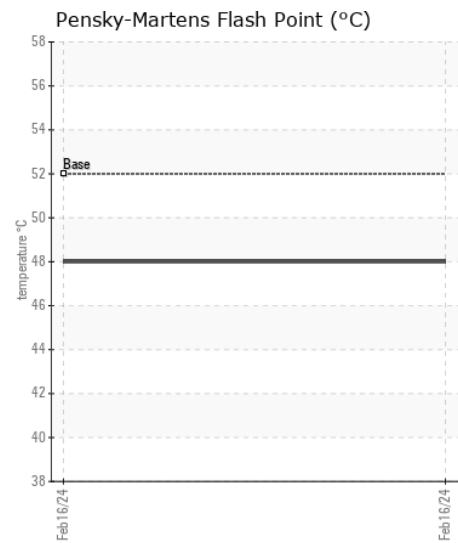
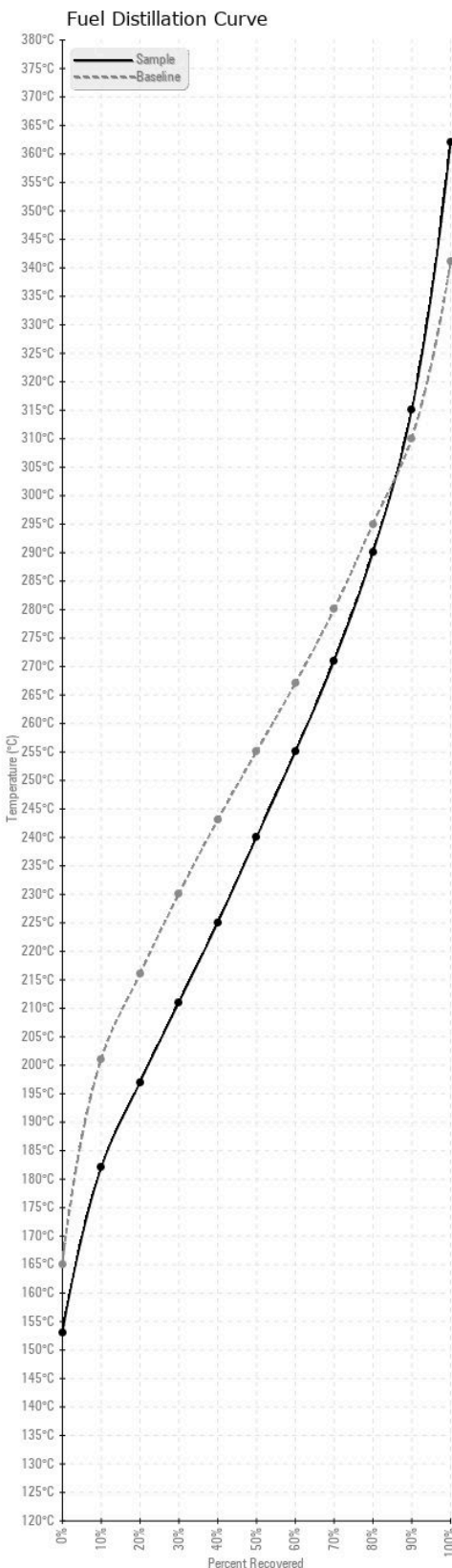
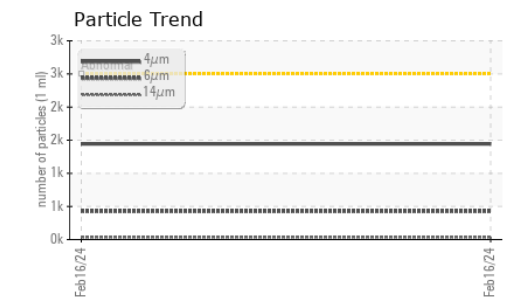
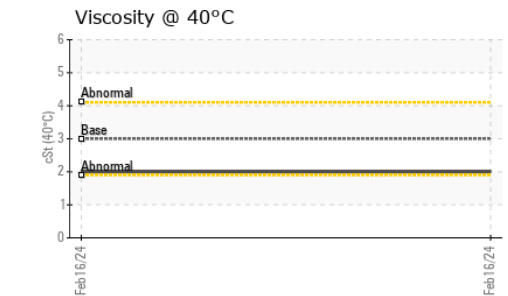
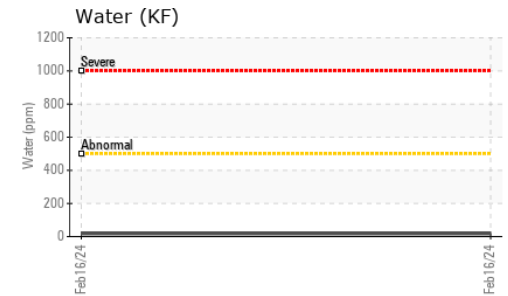
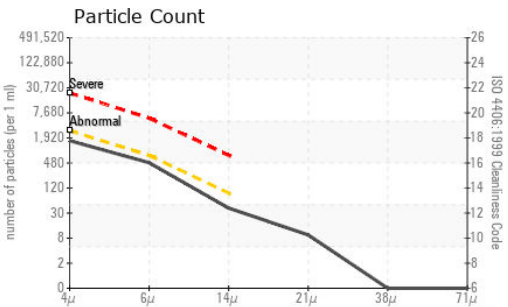
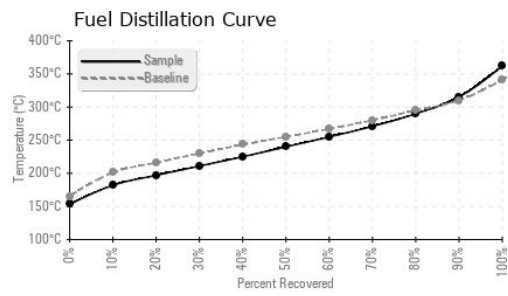
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans le carburant diesel.

Silicon	ppm	ASTM D5185(m)	<1.0	<b>0</b>	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	---	---
Water	%	ASTM D6304*	<0.05	<b>0.002</b>	---	---
ppm Water	ppm	ASTM D6304*	<500	<b>18</b>	---	---
Particles >4µm		ASTM D7647	>2500	<b>1443</b>	---	---
Particles >6µm		ASTM D7647	>640	<b>428</b>	---	---
Particles >14µm		ASTM D7647	>80	<b>35</b>	---	---
Particles >21µm		ASTM D7647	>20	<b>8</b>	---	---
Particles >38µm		ASTM D7647	>4	<b>0</b>	---	---
Particles >71µm		ASTM D7647	>3	<b>0</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>18/16/13	<b>18/16/12</b>	---	---
Calcium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	---	---
Zinc	ppm	ASTM D5185(m)	<0.1	<b>0</b>	---	---

**FUEL CONDITION**

Tous les essais en laboratoire indiquent que cet échantillon satisfait aux spécifications pour le carburant diesel à ultra-faible teneur de soufre No.2 (US EPA/CGSB-3.517-3 type B).

Specific Gravity		ASTM D1298*	0.839	<b>0.828</b>	---	---
Fuel Color	text	Visual Screen*	Yellow	<b>Pink</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	<b>2</b>	---	---
Pensky-Martens Flash Point	°C	ASTM D7215*	52	<b>48</b>	---	---
Sulfur	ppm	ASTM D5185(m)	10	<b>11</b>	---	---
Initial Boiling Point	°C	ASTM D2887*	165	<b>153</b>	---	---
10% Distill Point	°C	ASTM D2887*	201	<b>182</b>	---	---
20% Distill Point	°C	ASTM D2887*	216	<b>197</b>	---	---
30% Distill Point	°C	ASTM D2887*	230	<b>211</b>	---	---
40% Distill Point	°C	ASTM D2887*	243	<b>225</b>	---	---
50% Distill Point	°C	ASTM D2887*	255	<b>240</b>	---	---
60% Distill Point	°C	ASTM D2887*	267	<b>255</b>	---	---
70% Distill Point	°C	ASTM D2887*	280	<b>271</b>	---	---
80% Distill Point	°C	ASTM D2887*	295	<b>290</b>	---	---
90% Distill Point	°C	ASTM D2887*	310	<b>315</b>	---	---
Final Boiling Point	°C	ASTM D2887*	341	<b>362</b>	---	---
API Gravity		ASTM D1298*	37.7	<b>39</b>	---	---
Cetane Index		ASTM D4737*	<40.0	<b>47</b>	---	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0022567  
**Lab Number** : 02617277  
**Unique Number** : 5734387  
**Test Package** : FUEL ( Additional Tests: CC Flash, GC-PercFuel, PrtCount )

**Received** : 21 Feb 2024  
**Tested** : 26 Feb 2024  
**Diagnosed** : 26 Feb 2024 - Kevin Marson

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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.