

Machine Id
180 DETROIT

Component
1 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		CU	---	---
Sample Date		Client Info		16 May 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Sample Status				NORMAL	---	---

CORROSION

{sans objet}

Aluminum	ppm	ASTM D5185(m)	<0.1	0	---	---
Nickel	ppm	ASTM D5185(m)	<0.1	0	---	---
Lead	ppm	ASTM D5185(m)	<0.1	<1	---	---
Vanadium	ppm	ASTM D5185(m)	<0.1	0	---	---
Iron	ppm	ASTM D5185(m)	<0.1	0	---	---

CONTAMINANTS

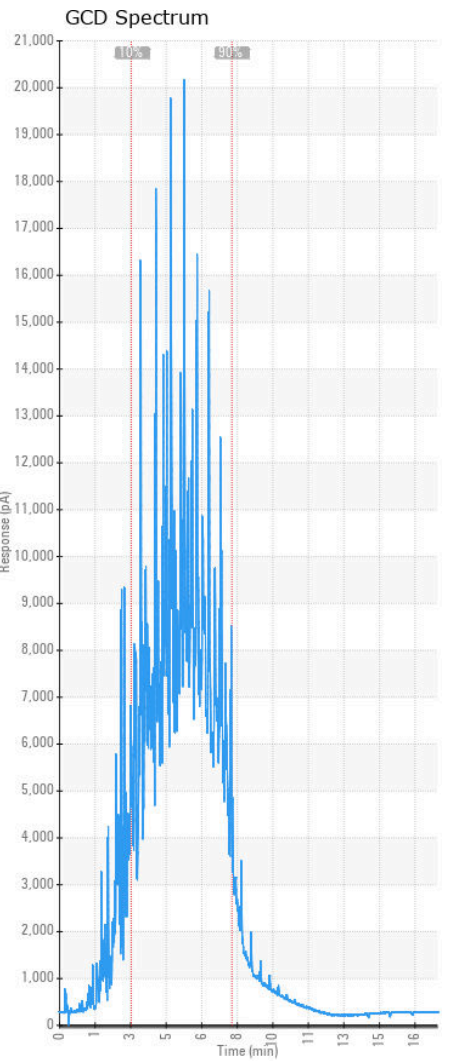
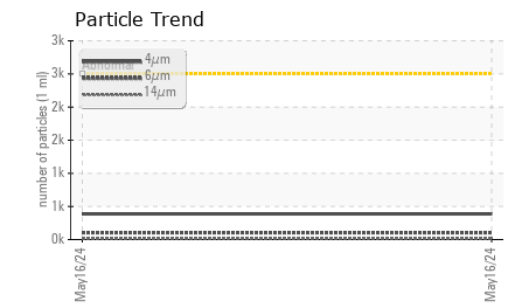
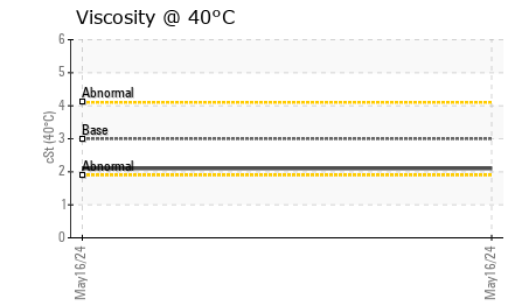
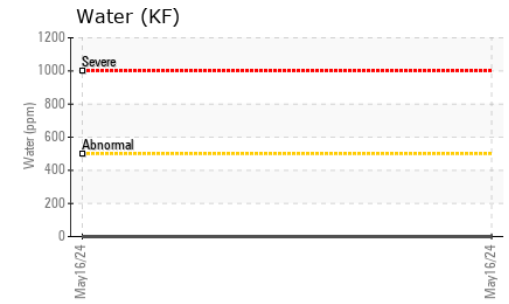
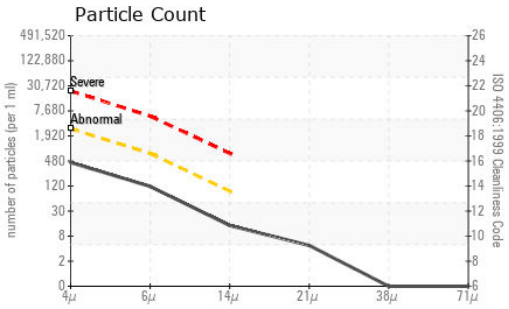
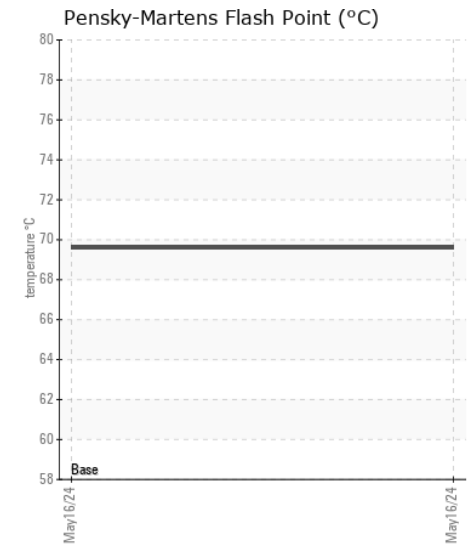
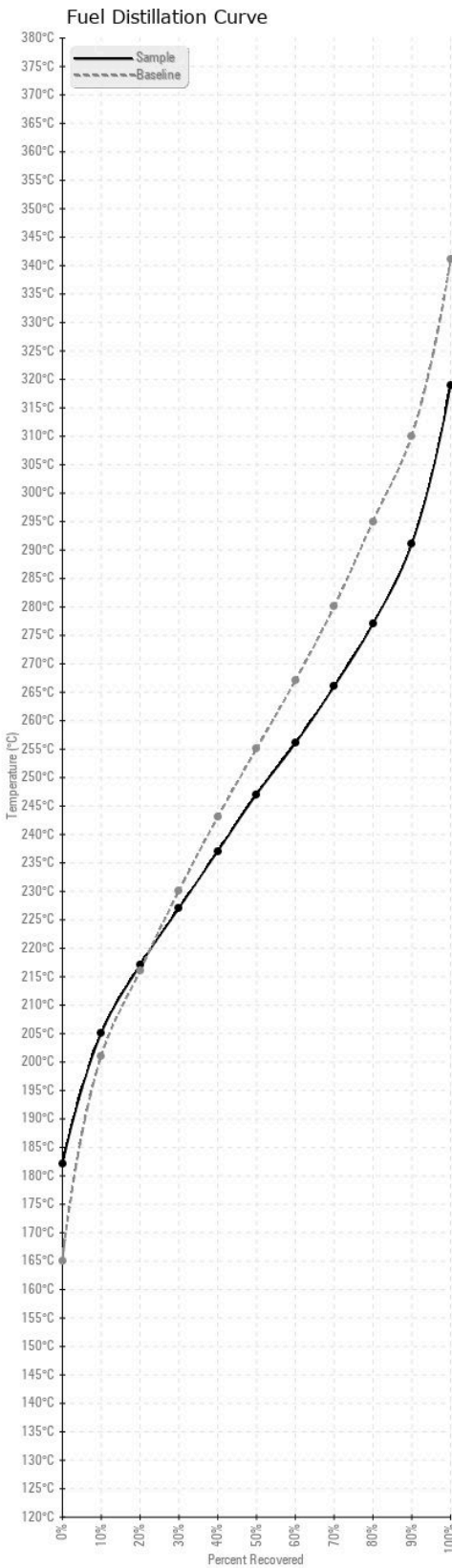
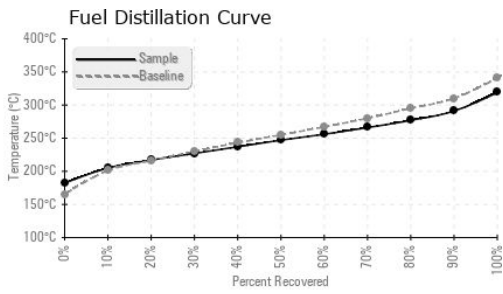
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans le carburant diesel.

Silicon	ppm	ASTM D5185(m)	<1.0	0	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	0	---	---
Water	%	ASTM D6304*	<0.05	0.00	---	---
ppm Water	ppm	ASTM D6304*	<500	0	---	---
Particles >4µm		ASTM D7647	>2500	388	---	---
Particles >6µm		ASTM D7647	>640	104	---	---
Particles >14µm		ASTM D7647	>80	12	---	---
Particles >21µm		ASTM D7647	>20	4	---	---
Particles >38µm		ASTM D7647	>4	0	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>18/16/13	16/14/11	---	---
Calcium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Magnesium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Phosphorus	ppm	ASTM D5185(m)	<0.1	<1	---	---
Zinc	ppm	ASTM D5185(m)	<0.1	<1	---	---

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	0.841	---	---
Fuel Color	text	Visual Screen*	Yellow	Pink	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.1	---	---
Pensky-Martens Flash Point	°C	ASTM D7215*	52	69.6	---	---
Sulfur	ppm	ASTM D5185(m)	10	13	---	---
Initial Boiling Point	°C	ASTM D2887*	165	182	---	---
10% Distill Point	°C	ASTM D2887*	201	205	---	---
20% Distill Point	°C	ASTM D2887*	216	217	---	---
30% Distill Point	°C	ASTM D2887*	230	227	---	---
40% Distill Point	°C	ASTM D2887*	243	237	---	---
50% Distill Point	°C	ASTM D2887*	255	247	---	---
60% Distill Point	°C	ASTM D2887*	267	256	---	---
70% Distill Point	°C	ASTM D2887*	280	266	---	---
80% Distill Point	°C	ASTM D2887*	295	277	---	---
90% Distill Point	°C	ASTM D2887*	310	291	---	---
Final Boiling Point	°C	ASTM D2887*	341	319	---	---
API Gravity		ASTM D1298*	37.7	36	---	---
Cetane Index		ASTM D4737*	<40.0	44	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU
Lab Number : 02636445
Unique Number : 5785607
Test Package : FUEL (Additional Tests: CC Flash, PrtCount)
Received : 17 May 2024
Tested : 23 May 2024
Diagnosed : 23 May 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.