



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

FUEL REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
FUEL CONDITION	NORMAL

Area
Marcel Gilbert/DES GROSELLIERS [6100248882]

Machine Id
524101683

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		WA0020768	WA0009324	WA0008921
Sample Date		Client Info		16 Jan 2024	27 Apr 2017	13 Dec 2016
Machine Age	hrs	Client Info		0	3012	2532
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

{sans objet}

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

CONTAMINANTS

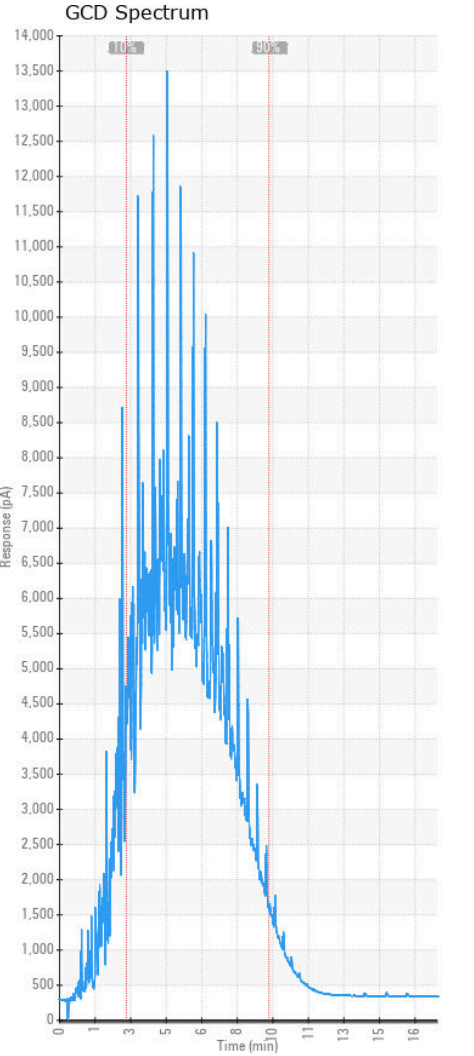
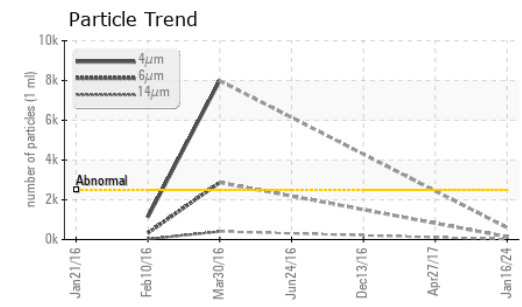
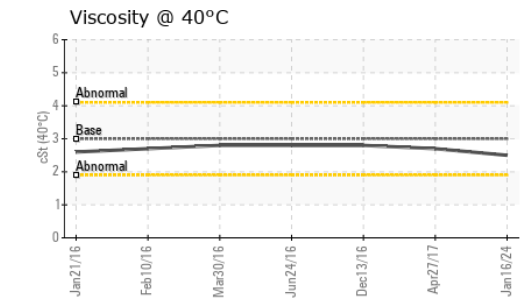
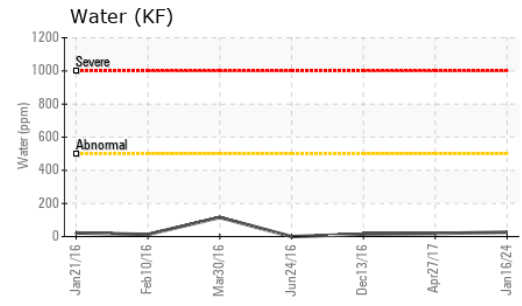
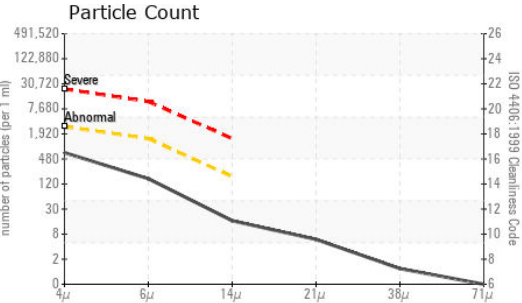
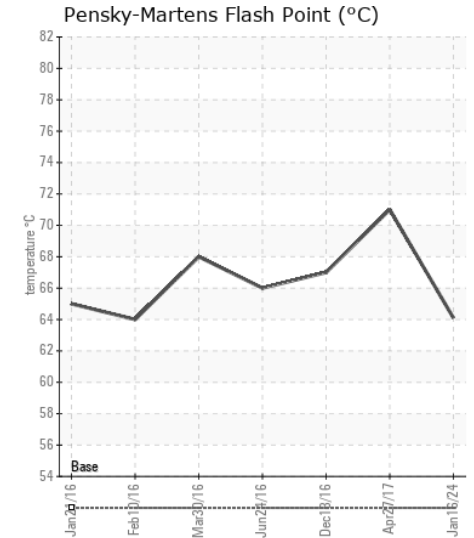
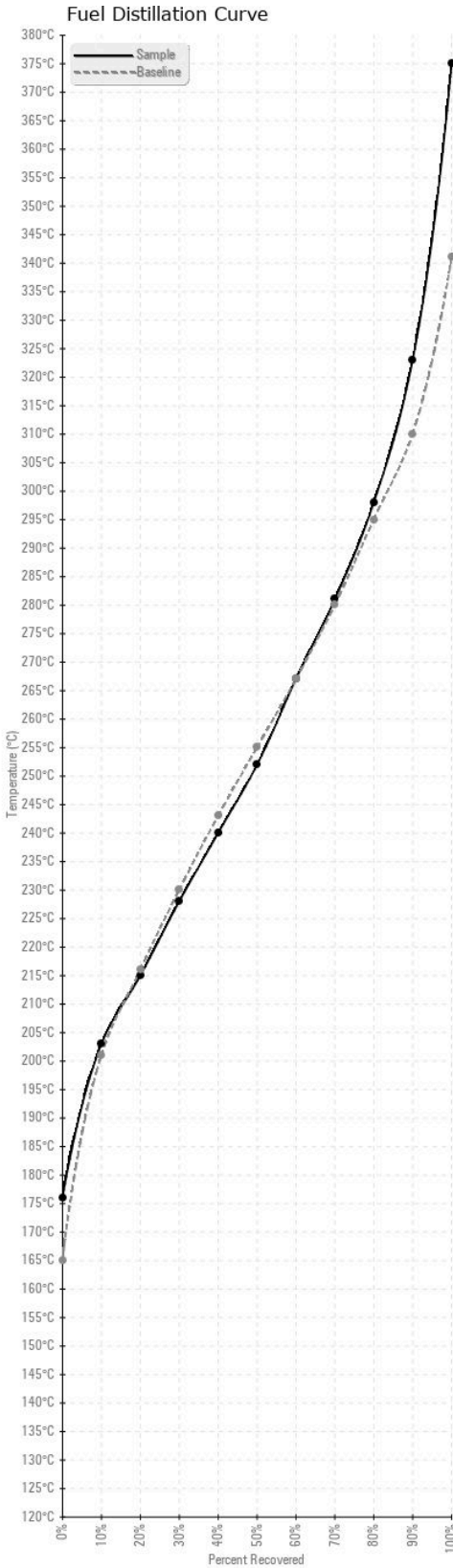
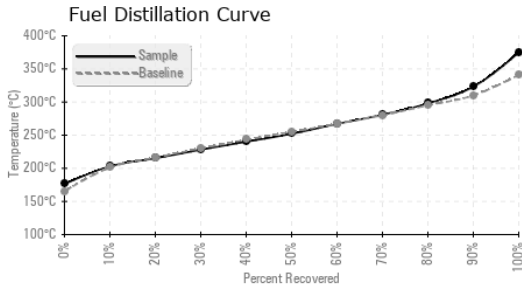
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans le carburant diesel.

Silicon	ppm	ASTM D5185(m)	<1.0	0	0	<1
Sodium	ppm	ASTM D5185(m)	<0.1	<1	0	0
Potassium	ppm	ASTM D5185(m)	<0.1	0	0	0
Water	%	ASTM D6304*	<0.05	0.003	0.001	0.001
ppm Water	ppm	ASTM D6304*	<500	26	19.0	14.3
Particles >4µm		ASTM D7647	>2500	599	---	---
Particles >6µm		ASTM D7647	>1300	142	---	---
Particles >14µm		ASTM D7647	>160	14	---	---
Particles >21µm		ASTM D7647	>40	5	---	---
Particles >38µm		ASTM D7647	>10	1	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>18/17/14	16/14/11	---	---
Calcium	ppm	ASTM D5185(m)	<0.1	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	<0.1	0	0	0
Phosphorus	ppm	ASTM D5185(m)	<0.1	0	<1	0
Zinc	ppm	ASTM D5185(m)	<0.1	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	0.837	0.830	0.830
Fuel Color	text	Visual Screen*	Yellow	Red	Pink	Pink
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.5	2.7	2.8
Pensky-Martens Flash Point	°C	ASTM D7215*	52	64.1	71	67
Sulfur	ppm	ASTM D5185(m)	10	7	5	4
Initial Boiling Point	°C	ASTM D2887*	165	176	180	183
10% Distill Point	°C	ASTM D2887*	201	203	211	215
20% Distill Point	°C	ASTM D2887*	216	215	225	225
30% Distill Point	°C	ASTM D2887*	230	228	236	236
40% Distill Point	°C	ASTM D2887*	243	240	247	248
50% Distill Point	°C	ASTM D2887*	255	252	260	260
60% Distill Point	°C	ASTM D2887*	267	267	274	274
70% Distill Point	°C	ASTM D2887*	280	281	288	288
80% Distill Point	°C	ASTM D2887*	295	298	305	305
90% Distill Point	°C	ASTM D2887*	310	323	326	327
Final Boiling Point	°C	ASTM D2887*	341	375	351	354
Distillation Residue	%	ASTM D86(e)*	3.0	---	1.4	1.4
Distillation Loss	%	ASTM D86(e)*	3.0	---	0.9	0.0
API Gravity		ASTM D1298*	37.7	37	39.0	39.0
Cetane Index		ASTM D4737*	<40.0	48	51.6	52.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020768 **Received** : 22 Jan 2024
Lab Number : 02610476 **Diagnosed** : 25 Jan 2024
Unique Number : 5711562 **Diagnostician** : Kevin Marson
Test Package : FUEL (Additional Tests: CC Flash, 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.