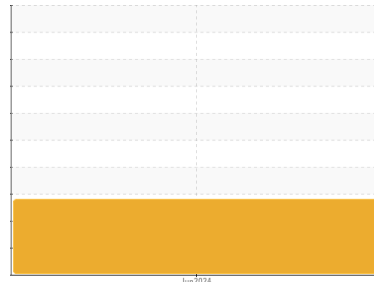


FUEL REPORT

Sample Rating Trend



ISO



Area
UNASSIGNED [6100263369]

Machine Id
5272003434

Component
Diesel Fuel

Fluid
No.1 DIESEL FUEL (LOW-SULPHUR) (--- GAL)

DIAGNOSIS

▲ Recommendation

Nous vous recommandons de vérifier tous les endroits par lesquels des contaminants peuvent pénétrer dans le système. Les tests de laboratoire indiquent que ce carburant peut être utilisé et qu'il répond à toutes les exigences. Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. Le reniflard d'air doit être réparé. S'il n'est pas classé, nous vous recommandons de le remplacer par un reniflard à air adapté au micron et / ou au dessiccant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Nous vous recommandons de filtrer ce fluide avant de l'utiliser. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

▲ Contaminants

Il y a une quantité élevée de matières particulaires (2 à 100 µm de taille) présente dans le carburant. La teneur en eau est négligeable. Le code de propreté du système est beaucoup plus haut que la limite acceptable pour votre objectif de propreté ISO 4406.

Fuel Condition

le carburant peut encore servir si la contamination peut être réduite à un niveau acceptable. Tous les tests en laboratoire indiquent que cet échantillon répond aux spécifications du diesel n° 1 à basse teneur en soufre (US EPA/CGSB-3.7-3 type A).

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WA0021410	---	---
Sample Date	Client Info			10 Jun 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Sample Status				SEVERE	---	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*	0.825	0.825	---	---
Fuel Color	text	Visual Screen*	Clear	Yellow	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	1.8	1.5	---	---
Pensky-Martens Flash Point	°C	ASTM D7215*	38	53.1	---	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	250	27	---	---

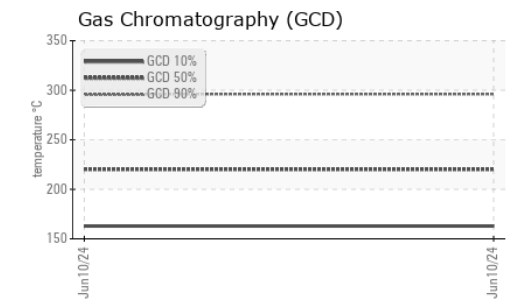
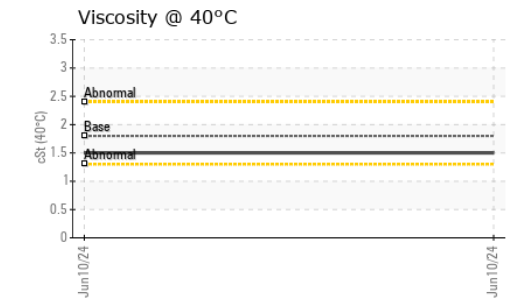
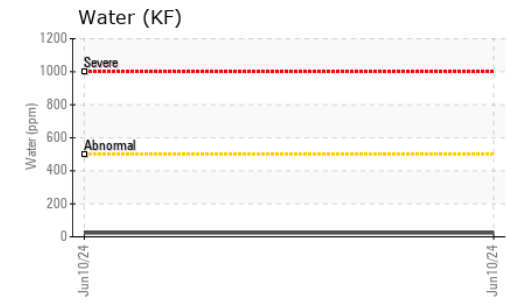
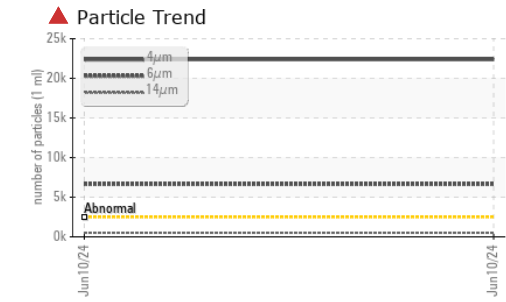
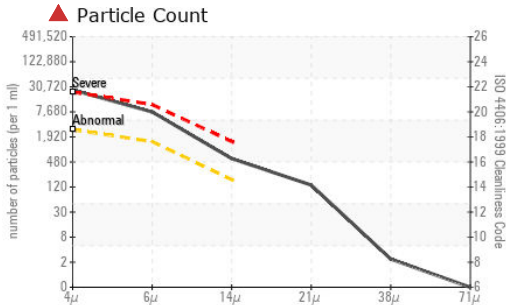
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	159	160	---	---
5% Distillation Point	°C	ASTM D2887*		177	---	---
10% Distill Point	°C	ASTM D2887*	184	181	---	---
15% Distillation Point	°C	ASTM D2887*		186	---	---
20% Distill Point	°C	ASTM D2887*	196	192	---	---
30% Distill Point	°C	ASTM D2887*	205	200	---	---
40% Distill Point	°C	ASTM D2887*	216	209	---	---
50% Distill Point	°C	ASTM D2887*	227	219	---	---
60% Distill Point	°C	ASTM D2887*	238	230	---	---
70% Distill Point	°C	ASTM D2887*	251	242	---	---
80% Distill Point	°C	ASTM D2887*	264	257	---	---
85% Distillation Point	°C	ASTM D2887*		268	---	---
90% Distill Point	°C	ASTM D2887*	288	279	---	---
95% Distillation Point	°C	ASTM D2887*		296	---	---
Final Boiling Point	°C	ASTM D2887*	309	333	---	---

IGNITION QUALITY		method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	40.1	40	---	---
Cetane Index		ASTM D4737*	<40.0	43	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1.0	3	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	0	---	---
Water	%	ASTM D6304*	<0.05	0.002	---	---
ppm Water	ppm	ASTM D6304*	<500	24	---	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	▲ 22378	---	---
Particles >6µm		ASTM D7647	>1300	▲ 6652	---	---
Particles >14µm		ASTM D7647	>160	▲ 509	---	---
Particles >21µm		ASTM D7647	>40	▲ 118	---	---
Particles >38µm		ASTM D7647	>10	2	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>18/17/14	▲ 22/20/16	---	---

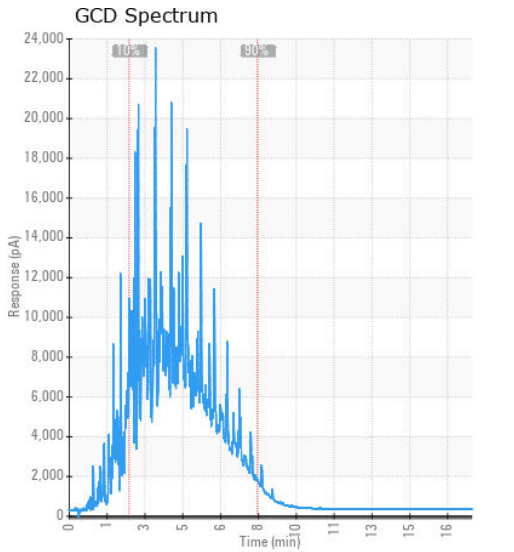
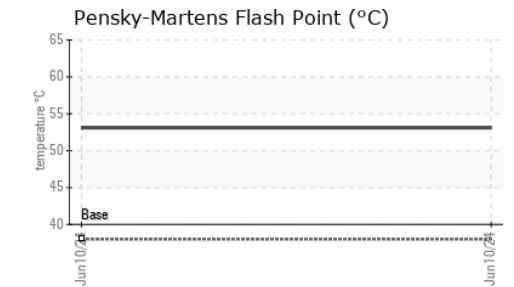
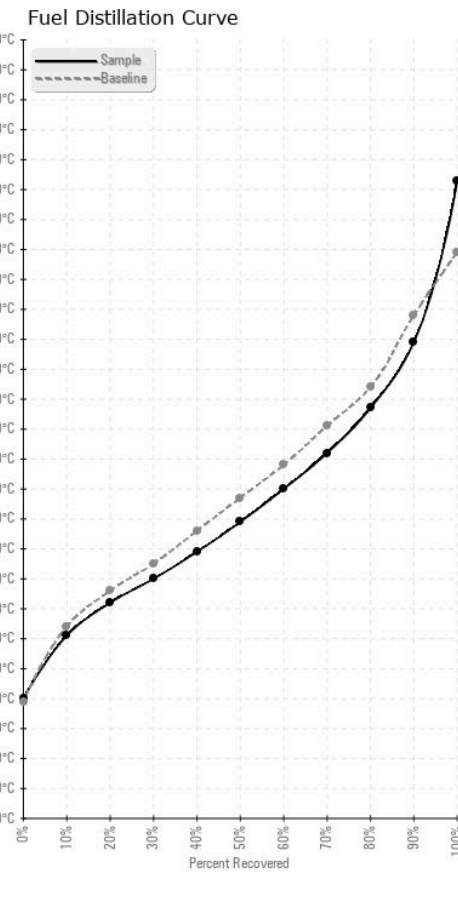
FUEL REPORT



HEAVY METALS	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)	<0.1	0	---
Nickel	ppm	ASTM D5185(m)	<0.1	0	---
Lead	ppm	ASTM D5185(m)	<1	---	---
Vanadium	ppm	ASTM D5185(m)	<0.1	0	---
Iron	ppm	ASTM D5185(m)	<0.1	<1	---
Calcium	ppm	ASTM D5185(m)	<0.1	0	---
Magnesium	ppm	ASTM D5185(m)	<0.1	0	---
Phosphorus	ppm	ASTM D5185(m)	<0.1	<1	---
Zinc	ppm	ASTM D5185(m)	<0.1	1	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021410 **Received** : 13 Jun 2024
Lab Number : 02641864 **Tested** : 17 Jun 2024
Unique Number : 5799403 **Diagnosed** : 17 Jun 2024 - Kevin Marson
Test Package : FUEL (Additional Tests: CC Flash, PrtCount)

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.

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