

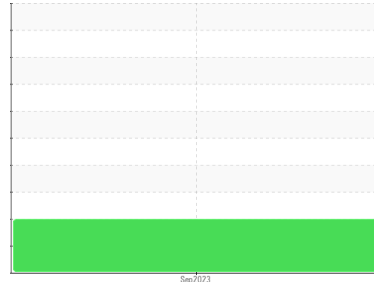
FUEL REPORT

Sample Rating Trend

ISO



Area
[204478]
Machine Id
MTU GDM1485
Component
Diesel Fuel
Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)



DIAGNOSIS

Recommendation

Vérifier les scelles et/ou les filters pour des points d'entrée des contaminants. Les tests de laboratoire indiquent que ce carburant peut être utilisé et qu'il répond à toutes les exigences. 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. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

Corrosion

(sans objet)

Contaminants

Il y a une grande quantité de limon (particules de 4 à 14 microns) 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.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WA0020127	---	---
Sample Date	Client Info		19 Sep 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Sample Status			SEVERE	---	---

PHYSICAL PROPERTIES

	method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	0.839	0.819	---	---
Fuel Color	text	Visual Screen*	Yellow	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	---	---
Pensky-Martens Flash Point	°C	ASTM D7215*	52	---	---

SULFUR CONTENT

	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	10	---	---

DISTILLATION

	method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	---	---
5% Distillation Point	°C	ASTM D2887*	170	---	---
10% Distill Point	°C	ASTM D2887*	201	---	---
15% Distillation Point	°C	ASTM D2887*	183	---	---
20% Distill Point	°C	ASTM D2887*	216	---	---
30% Distill Point	°C	ASTM D2887*	230	---	---
40% Distill Point	°C	ASTM D2887*	243	---	---
50% Distill Point	°C	ASTM D2887*	255	---	---
60% Distill Point	°C	ASTM D2887*	267	---	---
70% Distill Point	°C	ASTM D2887*	280	---	---
80% Distill Point	°C	ASTM D2887*	295	---	---
85% Distillation Point	°C	ASTM D2887*	289	---	---
90% Distill Point	°C	ASTM D2887*	310	---	---
95% Distillation Point	°C	ASTM D2887*	323	---	---
Final Boiling Point	°C	ASTM D2887*	341	---	---

IGNITION QUALITY

	method	limit/base	current	history1	history2
API Gravity	ASTM D1298*	37.7	41	---	---
Cetane Index	ASTM D4737*	<40.0	48	---	---

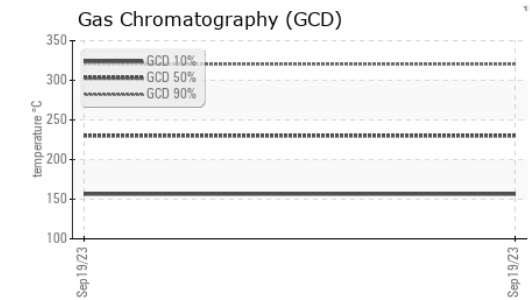
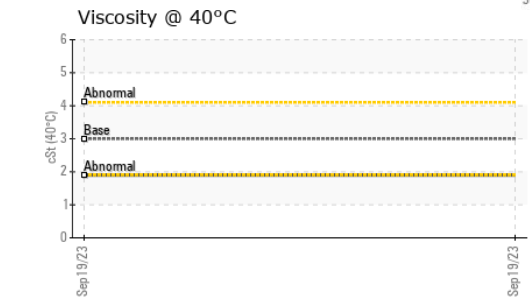
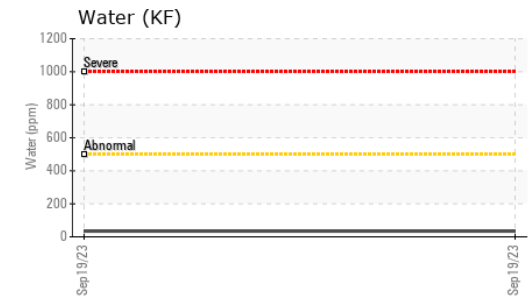
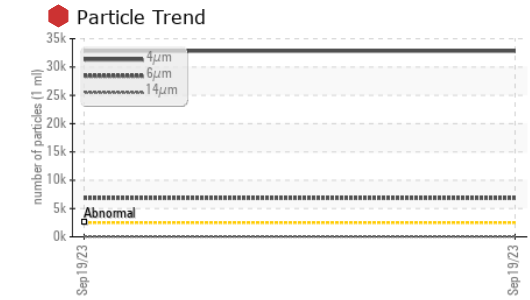
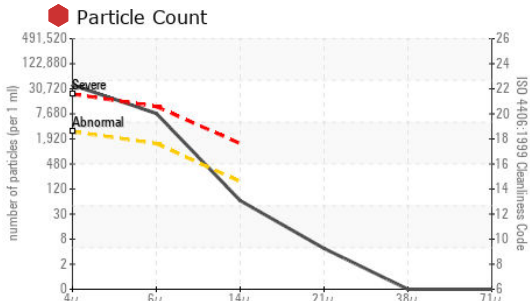
CONTAMINANTS

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

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>2500	32827	---	---
Particles >6µm	ASTM D7647	>1300	6848	---	---
Particles >14µm	ASTM D7647	>160	56	---	---
Particles >21µm	ASTM D7647	>40	4	---	---
Particles >38µm	ASTM D7647	>10	0	---	---
Particles >71µm	ASTM D7647	>3	0	---	---
Oil Cleanliness	ISO 4406 (c)	>18/17/14	22/20/13	---	---

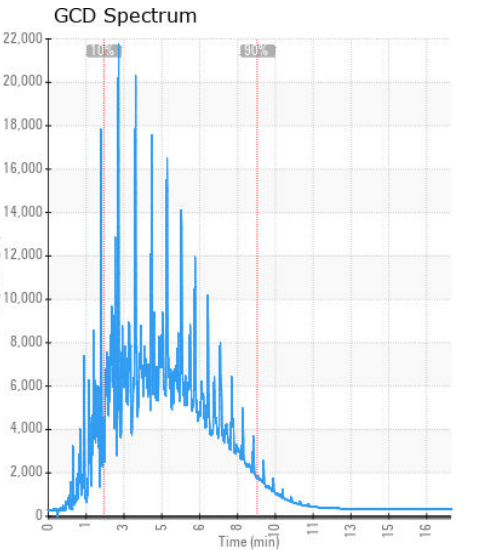
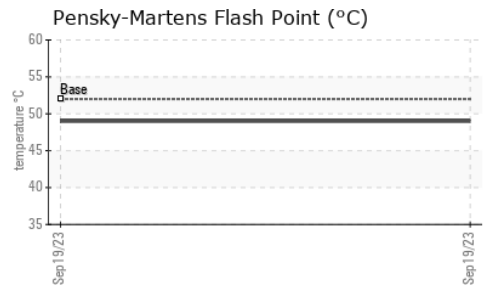
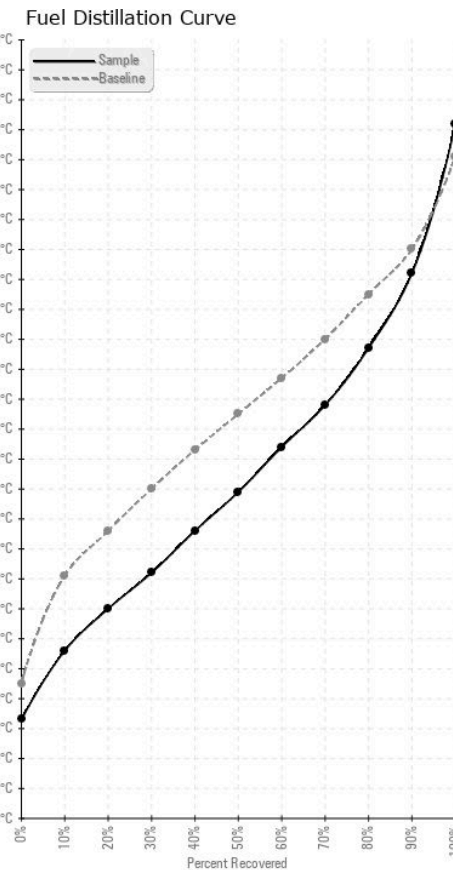
FUEL REPORT



HEAVY METALS	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)	<0.1	<1	---
Nickel	ppm	ASTM D5185(m)	<0.1	0	---
Lead	ppm	ASTM D5185(m)	<0.1	0	---
Vanadium	ppm	ASTM D5185(m)	<0.1	0	---
Iron	ppm	ASTM D5185(m)	<0.1	<1	---
Calcium	ppm	ASTM D5185(m)	<0.1	2	---
Magnesium	ppm	ASTM D5185(m)	<0.1	<1	---
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. : WA0020127
Lab Number : 02586548
Unique Number : 5655614
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.