



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[417506]
 Machine Id
931042
 Component
Diesel Engine
 Fluid
SAE 15W40 (--- GAL)

RECOMMENDATION

Nous avons pris note que l'huile a été vidangée et le filtre remplacé au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0023106	---	---
Sample Date		Client Info		17 Apr 2024	---	---
Machine Age	hrs	Client Info		1200	---	---
Oil Age	hrs	Client Info		1200	---	---
Filter Age	hrs	Client Info		1200	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---

WEAR

Usure de piston.

Iron	ppm	ASTM D5185(m)	>90	78	---	---
Chromium	ppm	ASTM D5185(m)	>20	7	---	---
Nickel	ppm	ASTM D5185(m)	>2	3	---	---
Titanium	ppm	ASTM D5185(m)	>2	<1	---	---
Silver	ppm	ASTM D5185(m)	>2	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	▲ 52	---	---
Lead	ppm	ASTM D5185(m)	>40	27	---	---
Copper	ppm	ASTM D5185(m)	>330	17	---	---
Tin	ppm	ASTM D5185(m)	>15	3	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

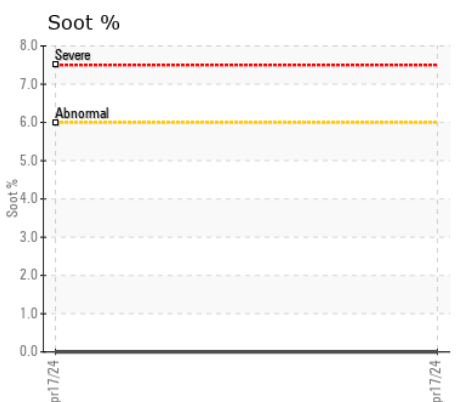
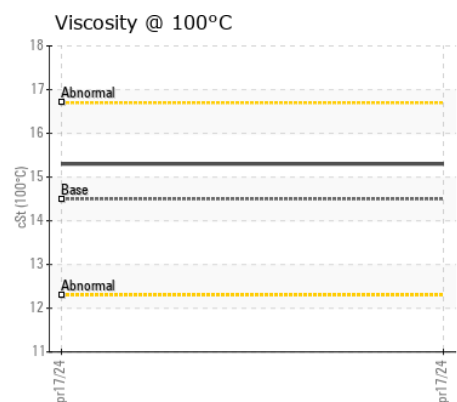
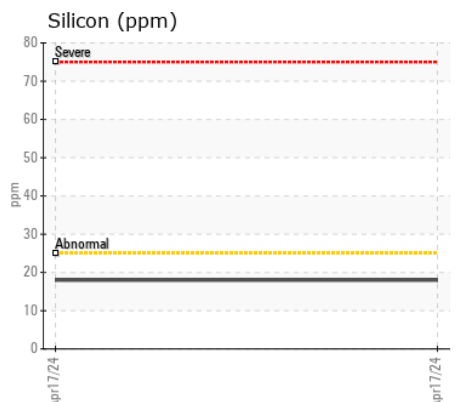
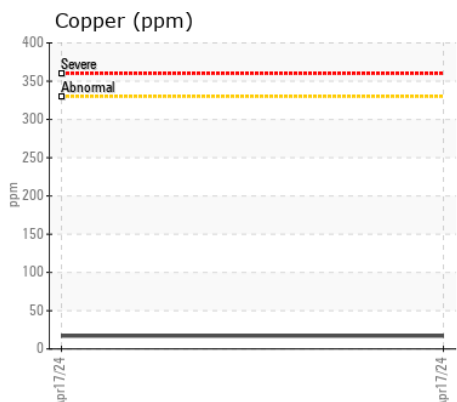
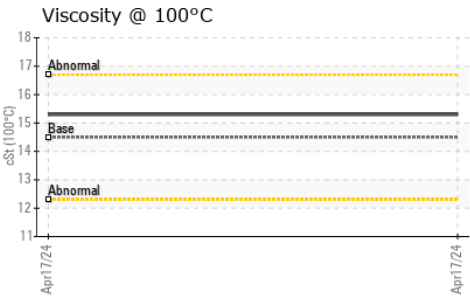
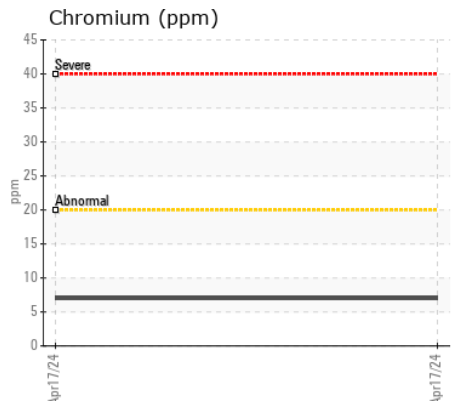
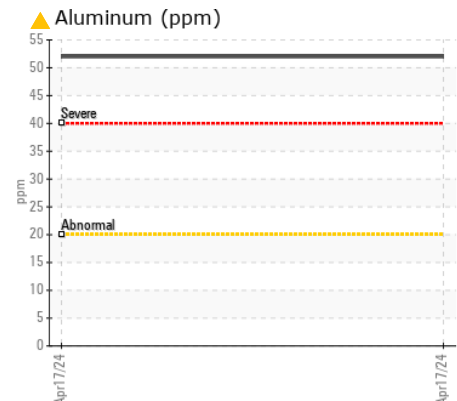
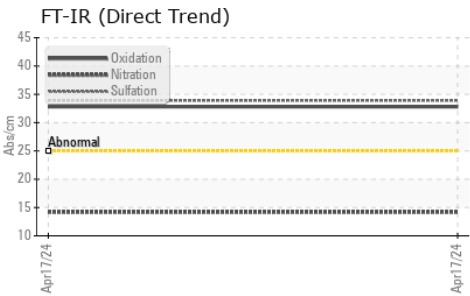
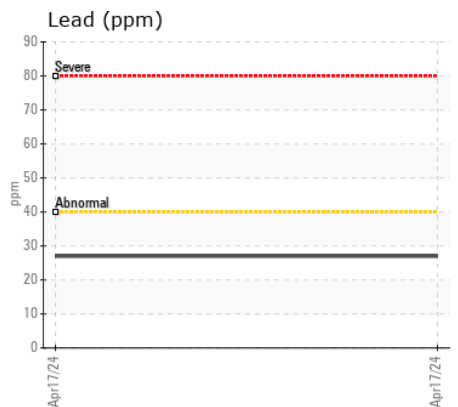
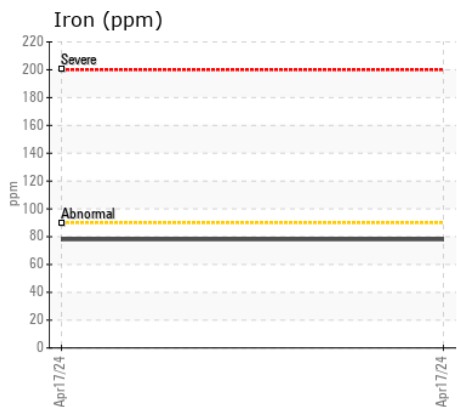
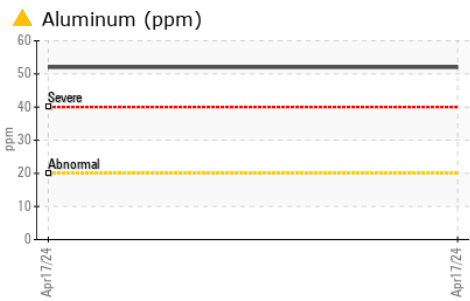
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	18	---	---
Potassium	ppm	ASTM D5185(m)	>20	9	---	---
Fuel		WC Method	>3.0	<1.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>6	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	14.2	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	33.9	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Sodium	ppm	ASTM D5185(m)	>57	17	---	---
Boron	ppm	ASTM D5185(m)		5	---	---
Barium	ppm	ASTM D5185(m)		<1	---	---
Molybdenum	ppm	ASTM D5185(m)		74	---	---
Manganese	ppm	ASTM D5185(m)		2	---	---
Magnesium	ppm	ASTM D5185(m)		736	---	---
Calcium	ppm	ASTM D5185(m)		2039	---	---
Phosphorus	ppm	ASTM D5185(m)		917	---	---
Zinc	ppm	ASTM D5185(m)		1155	---	---
Sulfur	ppm	ASTM D5185(m)		2108	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	32.8	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.5	15.3	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0023106
Lab Number : 02630882
Unique Number : 5772035
Test Package : MOB 1

GFL Environmental - 742 - Quebec City Solid Waste
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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.