

Machine Id
212006
Component
Diesel Engine
Fluid
DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

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		PC0088186	PC0050322	---
Sample Date		Client Info		18 Apr 2024	29 Jun 2022	---
Machine Age	kms	Client Info		137820	35733	---
Oil Age	kms	Client Info		0	0	---
Filter Age	kms	Client Info		0	0	---
Oil Changed		Client Info		Changed	N/A	---
Filter Changed		Client Info		Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>80	22	16	---
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)	>3	0	0	---
Aluminum	ppm	ASTM D5185(m)	>30	4	5	---
Lead	ppm	ASTM D5185(m)	>30	0	<1	---
Copper	ppm	ASTM D5185(m)	>150	1	2	---
Tin	ppm	ASTM D5185(m)	>5	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

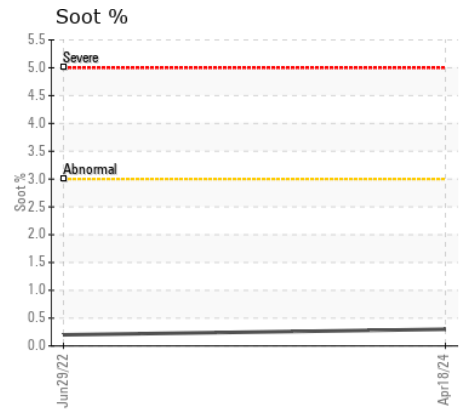
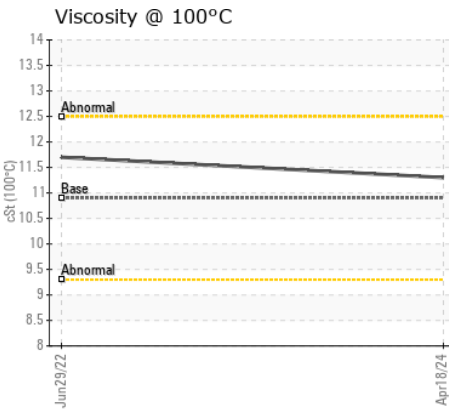
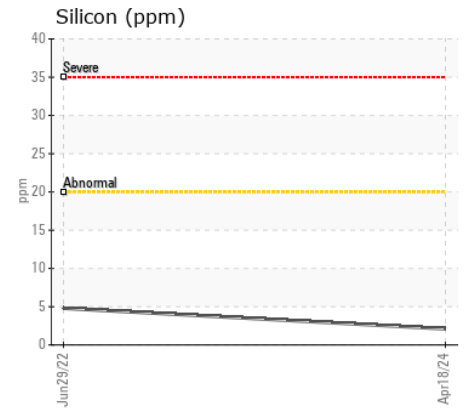
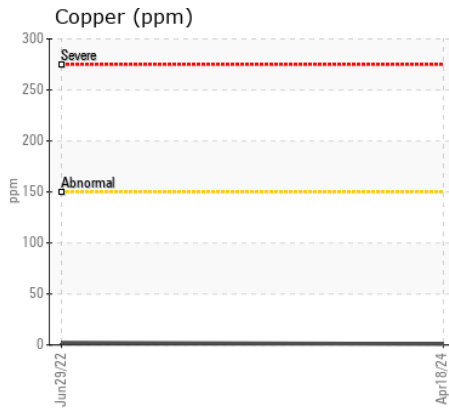
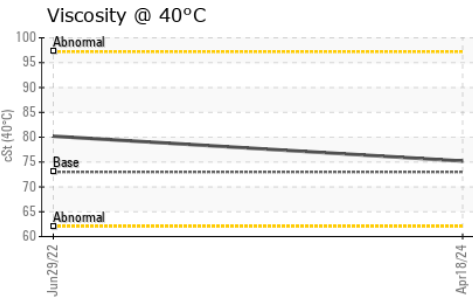
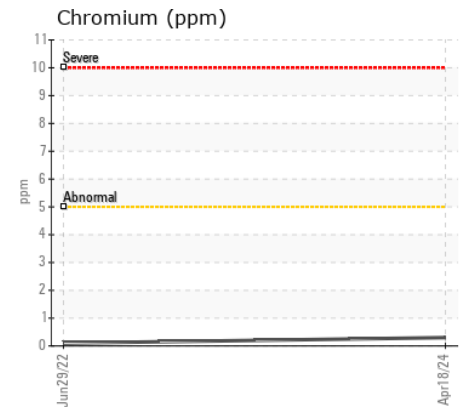
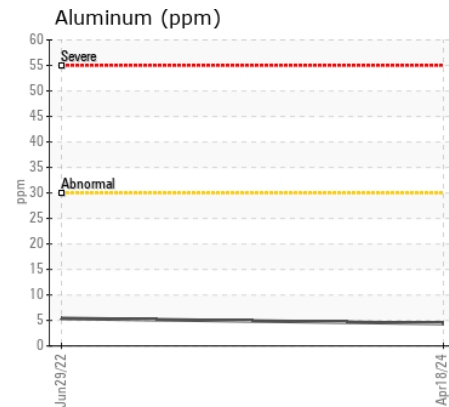
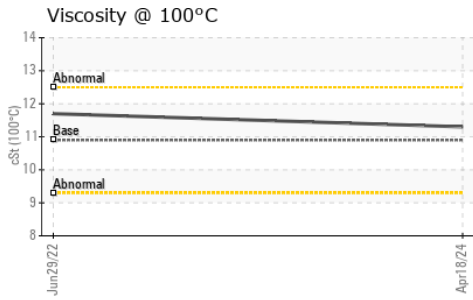
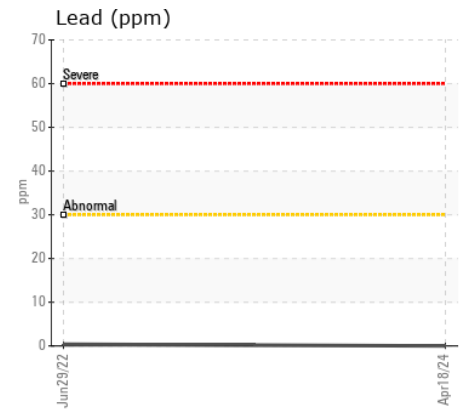
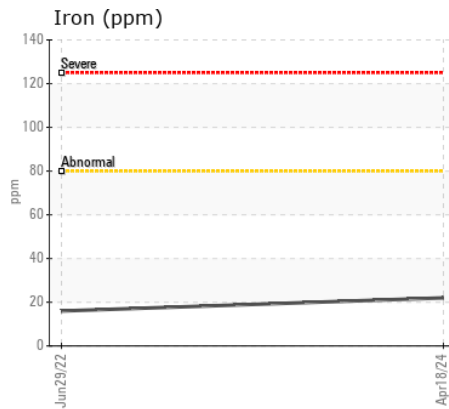
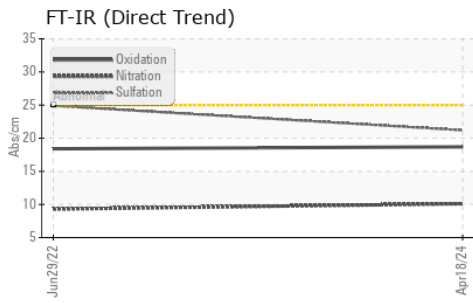
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	2	5	---
Potassium	ppm	ASTM D5185(m)	>20	4	16	---
Fuel		WC Method	>5	<1.0	1.8	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>3	0.3	0.2	---
Nitration	Abs/cm	ASTM D7624*	>20	10.1	9.3	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.2	24.9	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---

FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		1	3	---
Boron	ppm	ASTM D5185(m)	250	8	105	---
Barium	ppm	ASTM D5185(m)	10	0	<1	---
Molybdenum	ppm	ASTM D5185(m)	100	57	6	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)	450	908	99	---
Calcium	ppm	ASTM D5185(m)	3000	1159	2184	---
Phosphorus	ppm	ASTM D5185(m)	1150	992	973	---
Zinc	ppm	ASTM D5185(m)	1350	1194	1132	---
Sulfur	ppm	ASTM D5185(m)	4250	2450	2989	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	18.7	18.4	---
Visc @ 40°C	cSt	ASTM D7279(m)	73	75.2	80.2	---
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	11.3	11.7	---
Viscosity Index (VI)	Scale	ASTM D2270*	138	141	138	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088186
Lab Number : 02630477
Unique Number : 5763609
Test Package : MOB 1 (Additional Tests: KV40, VI)

GFL Environmental - 737 - Quebec City Hauling
 6205 Boul. Wilfrid Hamel,
 Quebec City, QC
 CA G2E 5G8
 Contact: Dave Beaulieu
 davebeaulieu@matrec.ca

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.