



Machine Id
928126
Component
Diesel Engine
Fluid
DIESEL ENGINE OIL SAE 10W30 (--- LTR)

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		GFL0094606	GFL0079072	---
Sample Date		Client Info		10 May 2024	16 Jan 2024	---
Machine Age	kms	Client Info		10529	297344	---
Oil Age	kms	Client Info		728	0	---
Filter Age	kms	Client Info		728	0	---
Oil Changed		Client Info		Changed	N/A	---
Filter Changed		Client Info		Changed	N/A	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Iron	ppm	ASTM D5185(m)	>120	17	20	---
Chromium	ppm	ASTM D5185(m)	>20	<1	1	---
Nickel	ppm	ASTM D5185(m)	>5	1	2	---
Titanium	ppm	ASTM D5185(m)	>2	0	0	---
Silver	ppm	ASTM D5185(m)	>2	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>20	9	15	---
Lead	ppm	ASTM D5185(m)	>40	0	<1	---
Copper	ppm	ASTM D5185(m)	>330	1	2	---
Tin	ppm	ASTM D5185(m)	>15	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

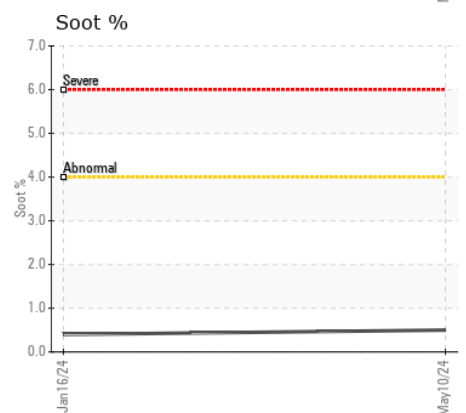
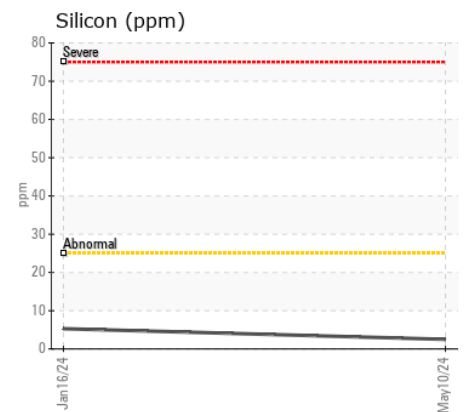
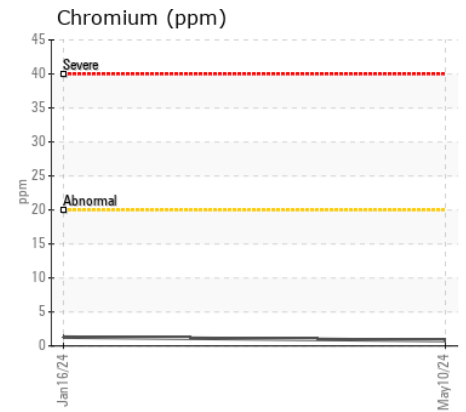
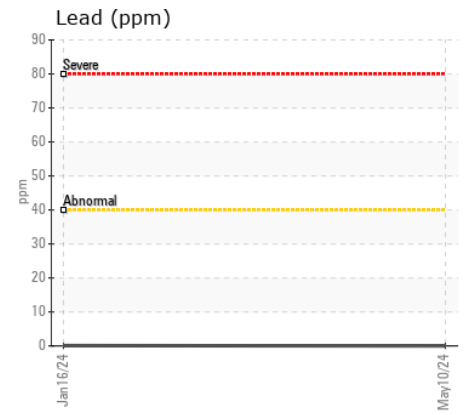
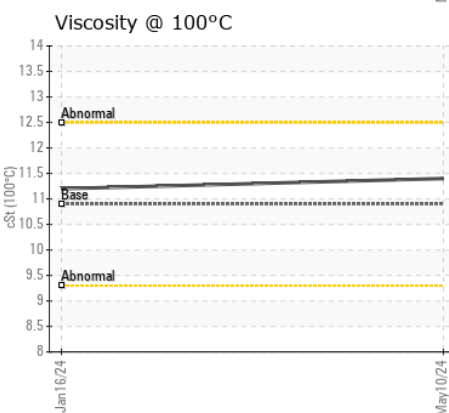
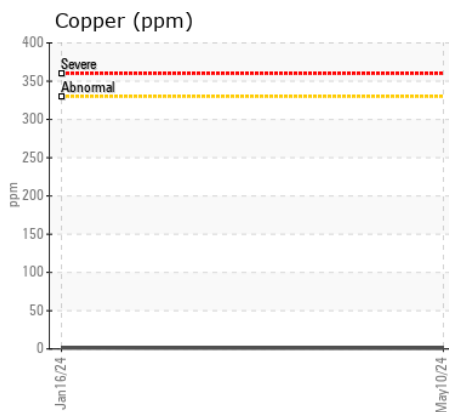
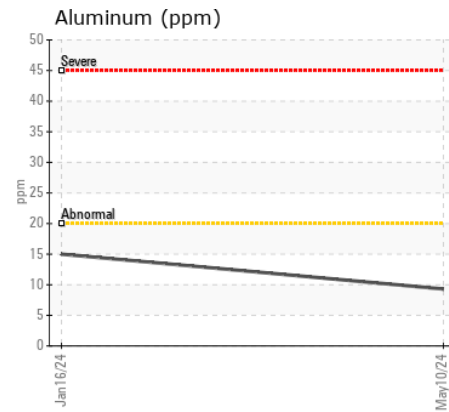
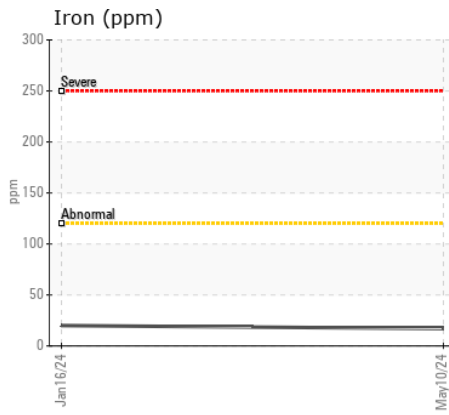
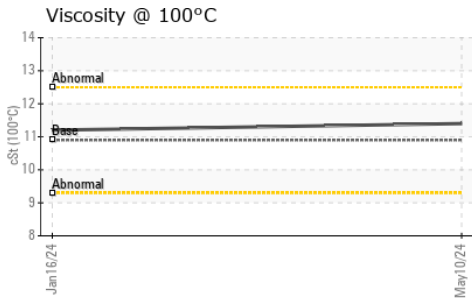
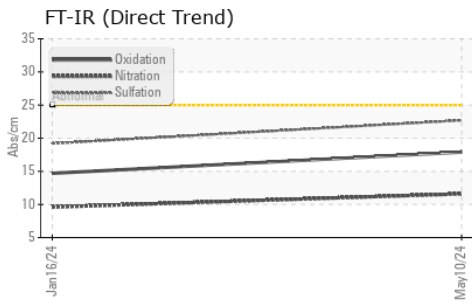
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	2	5	---
Potassium	ppm	ASTM D5185(m)	>20	<1	3	---
Fuel		WC Method	>3.0	<1.0	0.9	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>4	0.5	0.4	---
Nitration	Abs/cm	ASTM D7624*	>20	11.6	9.6	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.7	19.2	---
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)		3	3	---
Boron	ppm	ASTM D5185(m)	250	3	8	---
Barium	ppm	ASTM D5185(m)	10	0	0	---
Molybdenum	ppm	ASTM D5185(m)	100	60	60	---
Manganese	ppm	ASTM D5185(m)		<1	0	---
Magnesium	ppm	ASTM D5185(m)	450	941	916	---
Calcium	ppm	ASTM D5185(m)	3000	1052	1054	---
Phosphorus	ppm	ASTM D5185(m)	1150	908	970	---
Zinc	ppm	ASTM D5185(m)	1350	1173	1136	---
Sulfur	ppm	ASTM D5185(m)	4250	2426	2730	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.9	14.7	---
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	11.4	▲ 11.2	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0094606 **Received** : 24 May 2024
Lab Number : 02637389 **Tested** : 24 May 2024
Unique Number : 5786551 **Diagnosed** : 24 May 2024 - Wes Davis
Test Package : MOB 1

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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