



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	SEVERE

Area
G.C. BOIS FRANC INC
 Machine Id
HYUNDAI NO UNIT WC0555847
 Component
Gasoline Engine
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier le système d'injection de carburant. Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0555847	---	---
Sample Date		Client Info		28 Jun 2024	---	---
Machine Age	hrs	Client Info		13000	---	---
Oil Age	hrs	Client Info		450	---	---
Filter Age	hrs	Client Info		450	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				SEVERE	---	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	29	---	---
Chromium	ppm	ASTM D5185(m)	>20	2	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	4	---	---
Lead	ppm	ASTM D5185(m)	>40	0	---	---
Copper	ppm	ASTM D5185(m)	>330	1	---	---
Tin	ppm	ASTM D5185(m)	>15	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

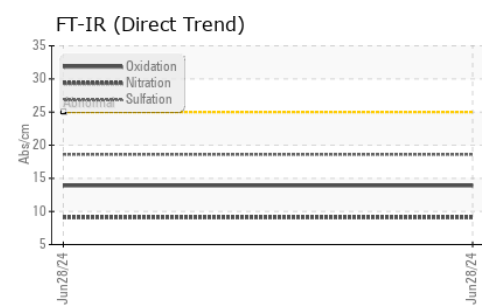
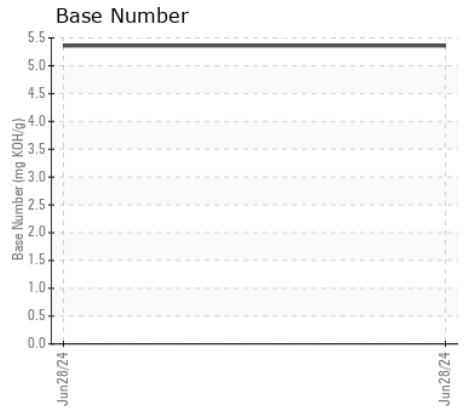
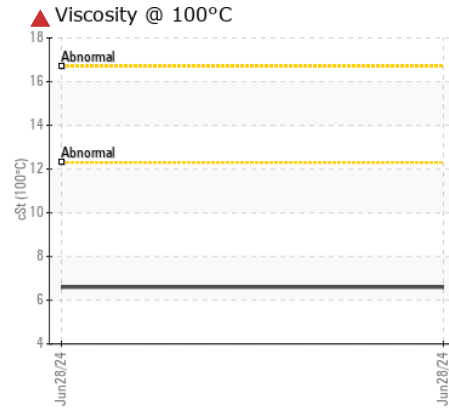
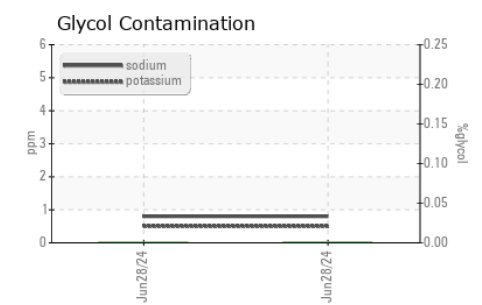
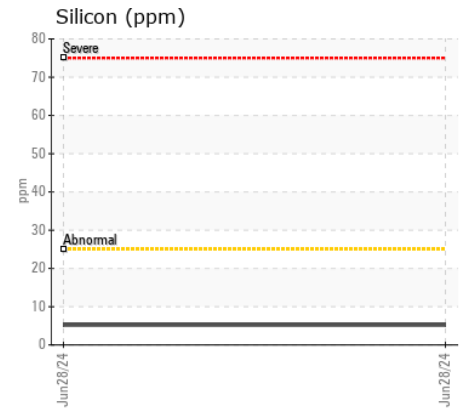
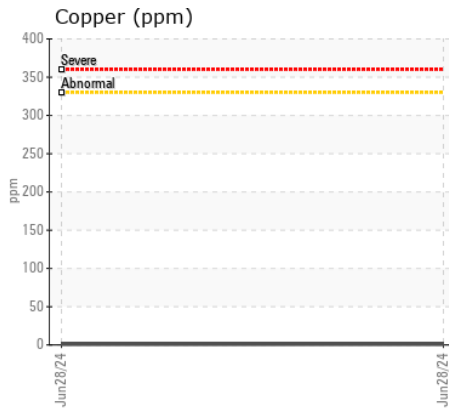
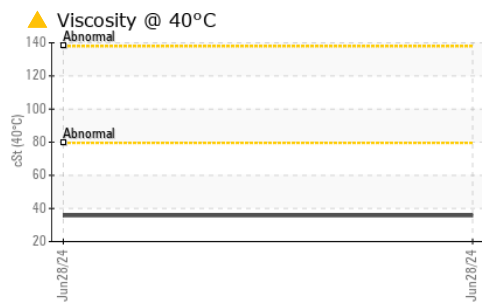
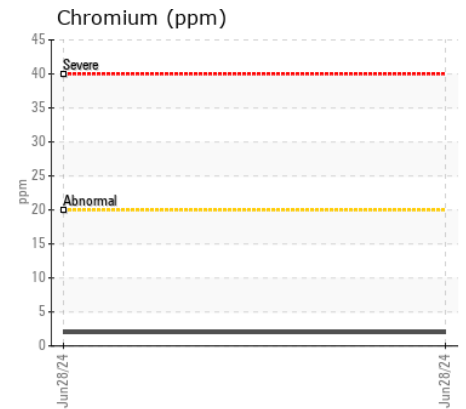
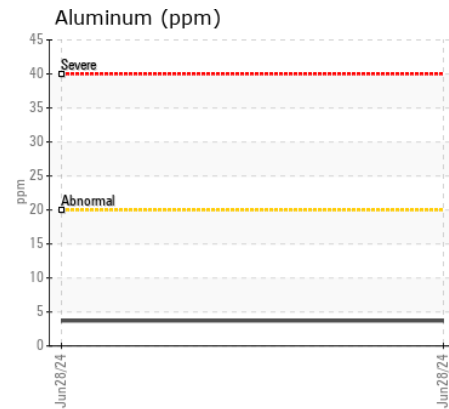
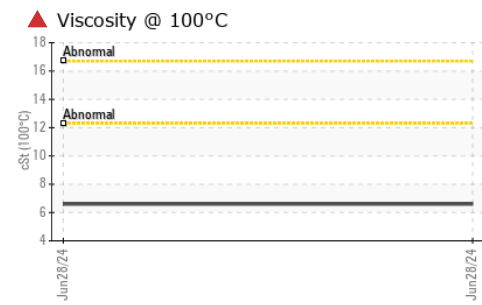
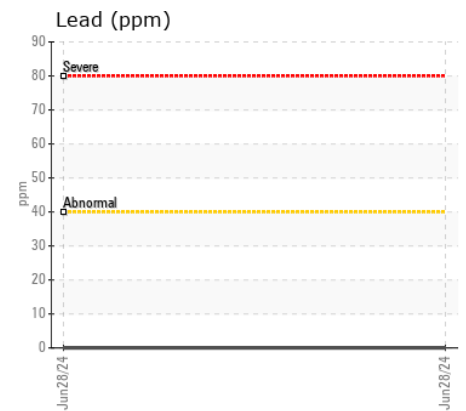
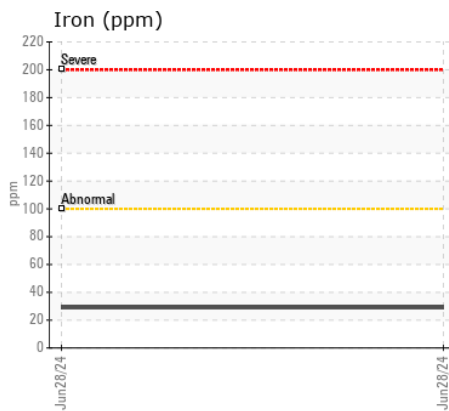
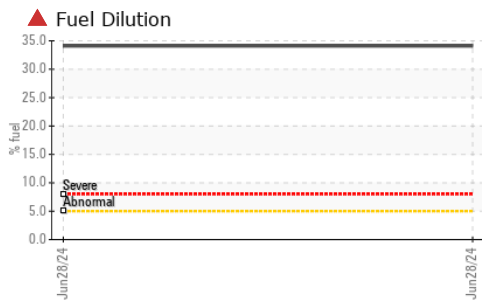
Quantité élevée de carburant dans l'huile. Les tests confirment la présence de carburant dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	5	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Fuel	%	ASTM D7593*	>5	▲ 34.1	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Soot %	%	ASTM D7844*	>3	0.9	---	---
Nitration	Abs/cm	ASTM D7624*	>20	9.1	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.6	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. Il y a du carburant dans l'huile, ce qui réduit la viscosité. Le AN est acceptable pour ce fluide. l'huile ne peut plus être utilisée en raison de la présence de contaminants.

Sodium	ppm	ASTM D5185(m)		<1	---	---
Boron	ppm	ASTM D5185(m)		<1	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		38	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		607	---	---
Calcium	ppm	ASTM D5185(m)		653	---	---
Phosphorus	ppm	ASTM D5185(m)		628	---	---
Zinc	ppm	ASTM D5185(m)		747	---	---
Sulfur	ppm	ASTM D5185(m)		1621	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.9	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		5.14	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*		5.36	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		▲ 35.7	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		▲ 6.6	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		141	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0555847 **Received** : 04 Jul 2024
Lab Number : 02645374 **Tested** : 05 Jul 2024
Unique Number : 5802913 **Diagnosed** : 05 Jul 2024 - Bill Quesnel
Test Package : MOB 2 (Additional Tests: FuelDilution, Glycol, KV40, PercentFuel, TAN Auto, TAN MarC)

April Super Flo
 9 rue Beland
 L'Isle-Verte, QC
 CA G0L 1K0
 Contact: Michel Jalbert
 mjalbert@aprilsuperflo.com

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.

T:
 F: (418)898-2192