



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
SERVICES MECANIQUE TURGEON
 Machine Id
FREIGHTLINER 614
 Component
Diesel Engine
 Fluid
DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir l'huile. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

Usure de palier.

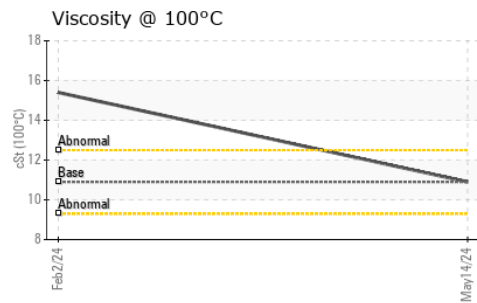
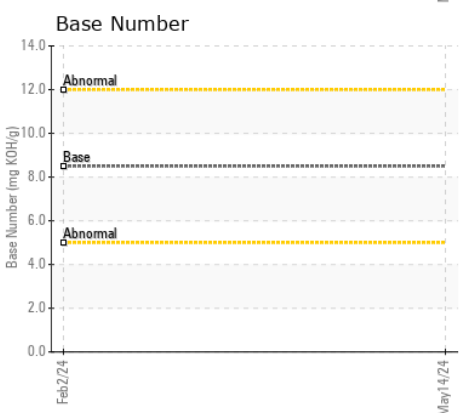
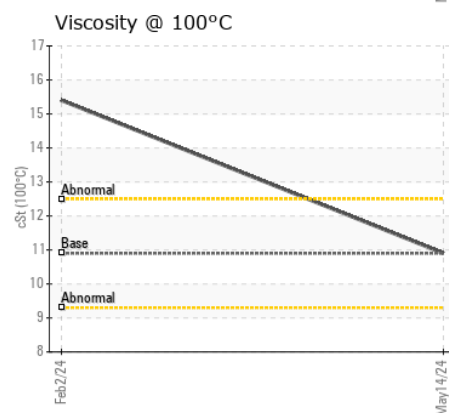
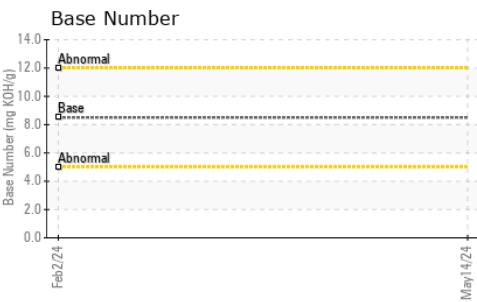
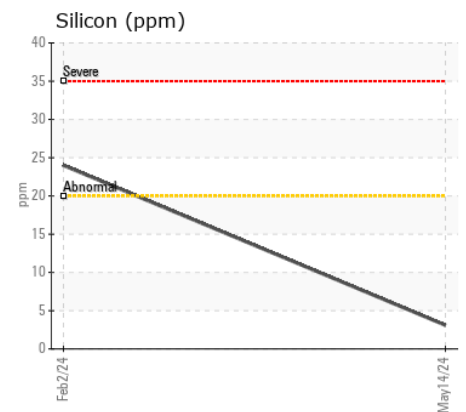
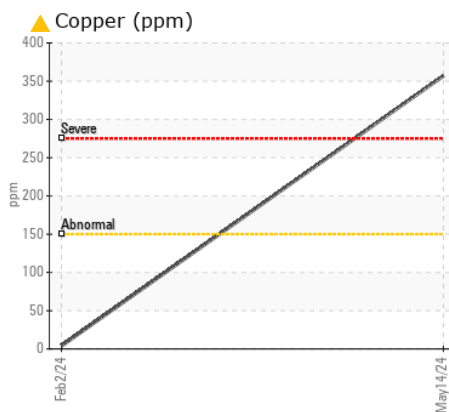
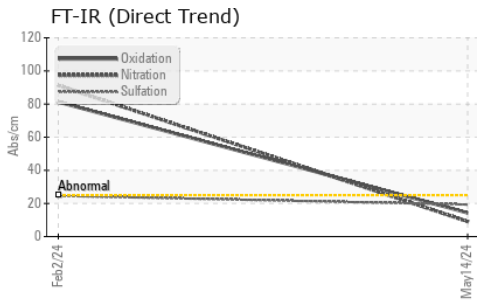
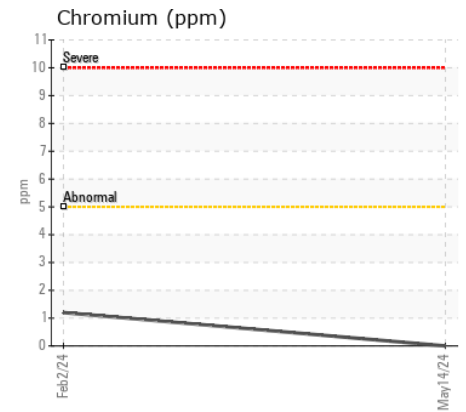
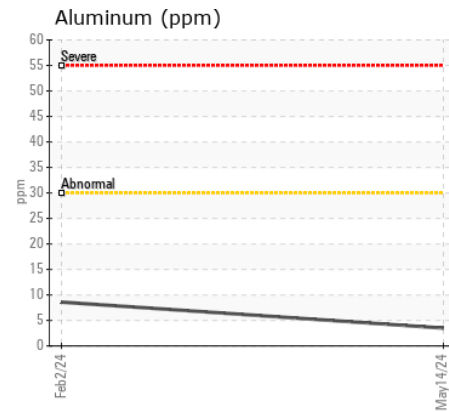
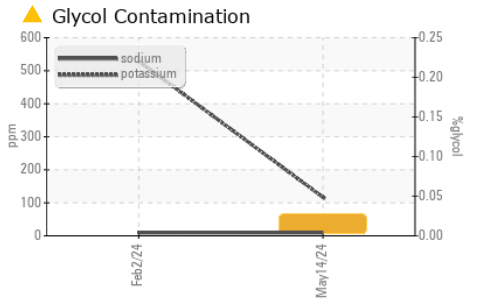
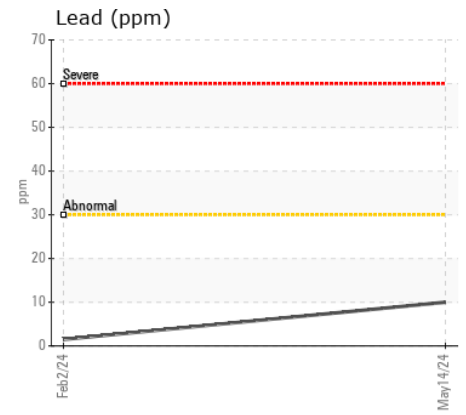
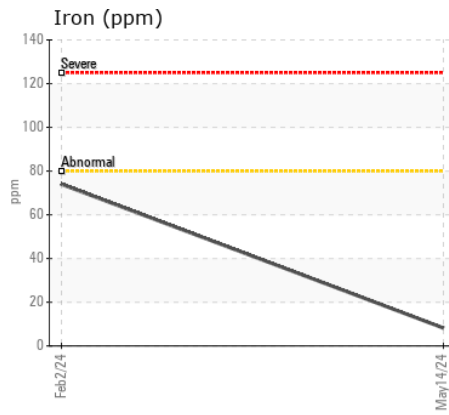
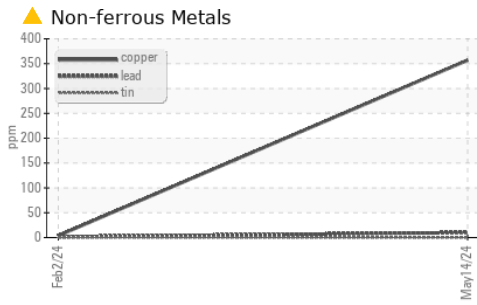
CONTAMINATION

Le test de glycol est positif. Il y a une légère concentration de glycol dans le l'huile.

FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASF0000208	ASF0000210	---
Sample Date		Client Info		14 May 2024	02 Feb 2024	---
Machine Age	kms	Client Info		29464	0	---
Oil Age	kms	Client Info		1000	0	---
Filter Age	kms	Client Info		1000	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	SEVERE	---
Iron	ppm	ASTM D5185(m)	>80	8	74	---
Chromium	ppm	ASTM D5185(m)	>5	0	1	---
Nickel	ppm	ASTM D5185(m)	>2	1	2	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>3	<1	<1	---
Aluminum	ppm	ASTM D5185(m)	>30	4	9	---
Lead	ppm	ASTM D5185(m)	>30	10	2	---
Copper	ppm	ASTM D5185(m)	>150	357	4	---
Tin	ppm	ASTM D5185(m)	>5	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Silicon	ppm	ASTM D5185(m)	>20	3	24	---
Potassium	ppm	ASTM D5185(m)	>20	117	529	---
Fuel		WC Method	>5	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol	%	ASTM D7922*		0.027	>.70	---
Soot %	%	ASTM D7844*	>3	0	0.8	---
Nitration	Abs/cm	ASTM D7624*	>20	9.1	91.3	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.3	24.6	---
Emulsified Water	scalar	Visual*	>0.2	NEG	.5%	---
Sodium	ppm	ASTM D5185(m)		9	9	---
Boron	ppm	ASTM D5185(m)	250	64	71	---
Barium	ppm	ASTM D5185(m)	10	<1	<1	---
Molybdenum	ppm	ASTM D5185(m)	100	64	6	---
Manganese	ppm	ASTM D5185(m)		2	<1	---
Magnesium	ppm	ASTM D5185(m)	450	24	35	---
Calcium	ppm	ASTM D5185(m)	3000	2081	1569	---
Phosphorus	ppm	ASTM D5185(m)	1150	970	733	---
Zinc	ppm	ASTM D5185(m)	1350	1076	904	---
Sulfur	ppm	ASTM D5185(m)	4250	3283	2380	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	14.3	81.3	---
Base Number (BN)	mg KOH/g	ASTM D2896*	8.5	10.53	inval	---
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	10.9	15.4	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ASF000208 **Received** : 24 Jun 2024
Lab Number : **02643614** **Tested** : 25 Jun 2024
Unique Number : 5801153 **Diagnosed** : 26 Jun 2024 - Bill Quesnel
Test Package : MOB 2

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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.