



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
FREIGHTLINER 820059
Component
Rear Differential
Fluid
SAE 80W90 (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

WEAR

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

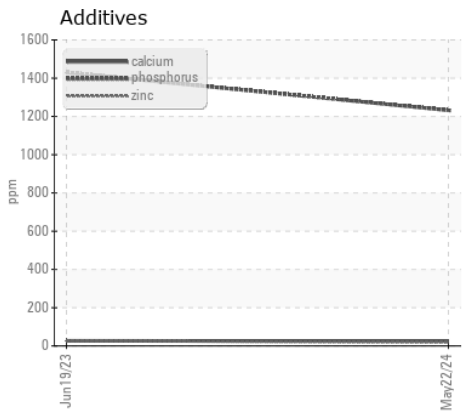
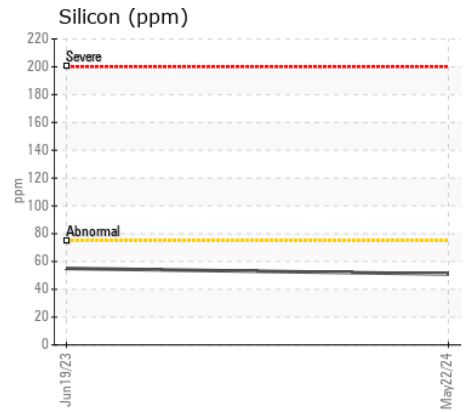
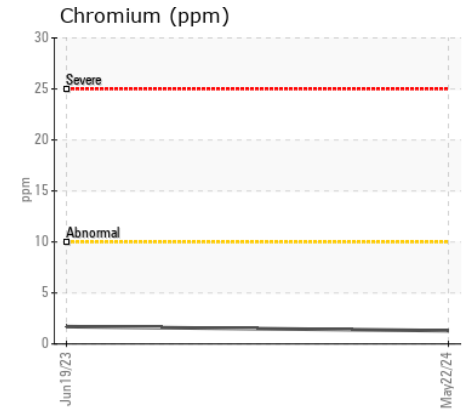
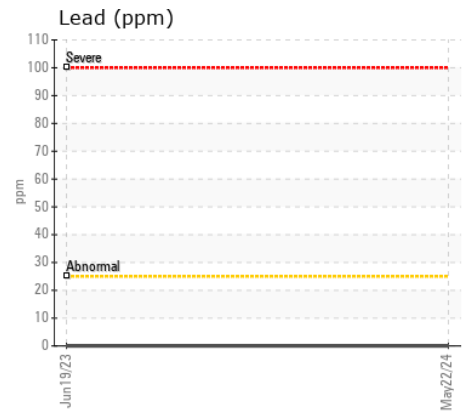
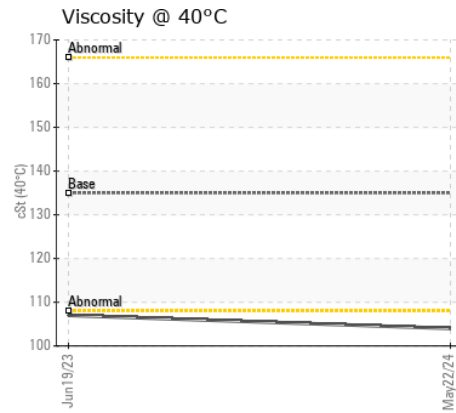
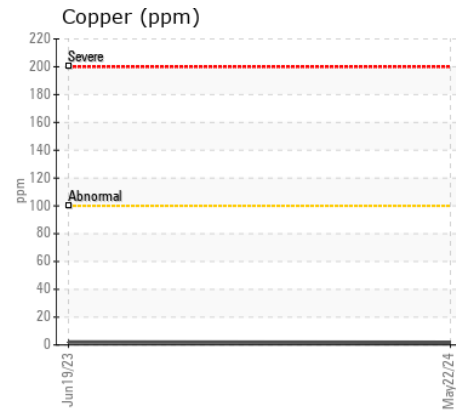
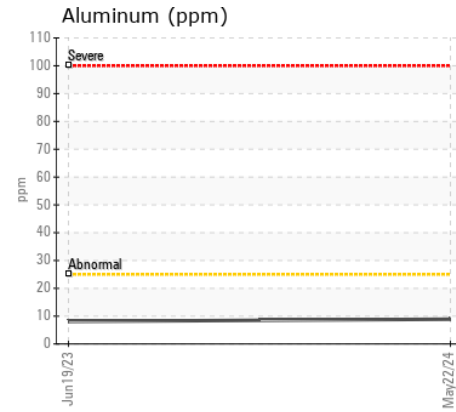
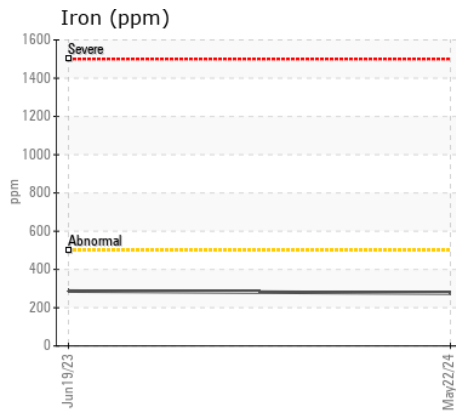
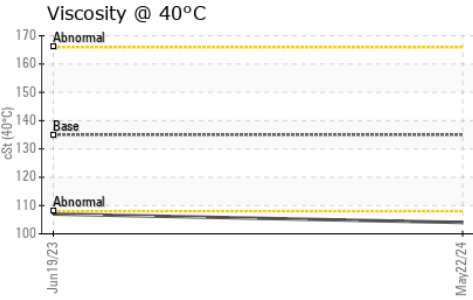
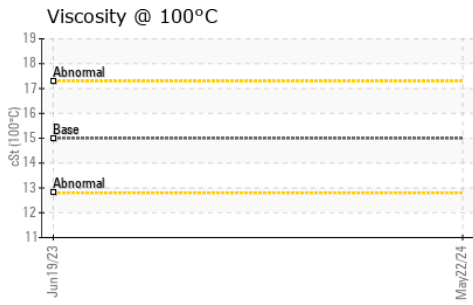
CONTAMINATION

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

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0088206	GFL0080944	---
Sample Date		Client Info		22 May 2024	19 Jun 2023	---
Machine Age	hrs	Client Info		7231	5583	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---
Iron	ppm	ASTM D5185(m)	>500	276	287	---
Chromium	ppm	ASTM D5185(m)	>10	1	2	---
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	---
Titanium	ppm	ASTM D5185(m)		<1	<1	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	9	8	---
Lead	ppm	ASTM D5185(m)	>25	0	0	---
Copper	ppm	ASTM D5185(m)	>100	2	2	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>75	51	55	---
Potassium	ppm	ASTM D5185(m)	>20	4	4	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	VLITE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	---
Sodium	ppm	ASTM D5185(m)	>50	11	12	---
Boron	ppm	ASTM D5185(m)	200	197	199	---
Barium	ppm	ASTM D5185(m)	0	14	17	---
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	---
Manganese	ppm	ASTM D5185(m)		9	10	---
Magnesium	ppm	ASTM D5185(m)	0	5	5	---
Calcium	ppm	ASTM D5185(m)	20	25	27	---
Phosphorus	ppm	ASTM D5185(m)	1000	1232	1430	---
Zinc	ppm	ASTM D5185(m)	20	20	25	---
Sulfur	ppm	ASTM D5185(m)	22000	21011	22356	---
Visc @ 40°C	cSt	ASTM D7279(m)	135	104	107	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.0	13.9	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	112	134	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088206
Lab Number : 02637532
Unique Number : 5786694
Test Package : MOB 1 (Additional Tests: KV100, VI)
Received : 24 May 2024
Tested : 24 May 2024
Diagnosed : 24 May 2024 - Wes Davis

GFL Environmental 791MAT - Matane
 29 rue Brilliant
 Matane, QC
 CA G4W 0J7
 Contact: B Berube
 bberube@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.