



Machine Id
MACK 929129
Component
Rear Differential
Fluid
GEAR OIL SAE 80W90 (--- 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		PC0088213	GFL0080938	---
Sample Date		Client Info		30 May 2024	20 Jun 2023	---
Machine Age	hrs	Client Info		8128	0	---
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	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>1200	211	219	---
Chromium	ppm	ASTM D5185(m)	>8	1	2	---
Nickel	ppm	ASTM D5185(m)	>20	<1	<1	---
Titanium	ppm	ASTM D5185(m)	>4	<1	<1	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>30	7	5	---
Lead	ppm	ASTM D5185(m)	>25	0	0	---
Copper	ppm	ASTM D5185(m)	>50	1	2	---
Tin	ppm	ASTM D5185(m)	>5	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

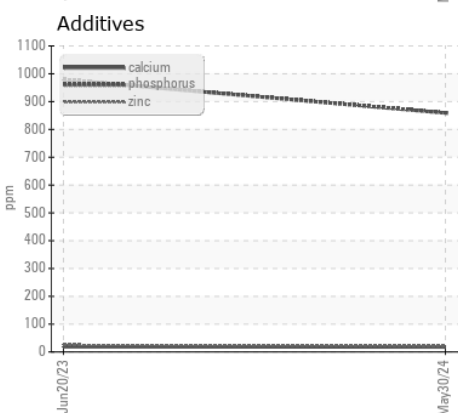
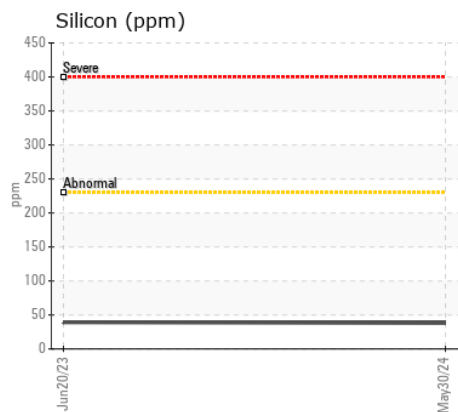
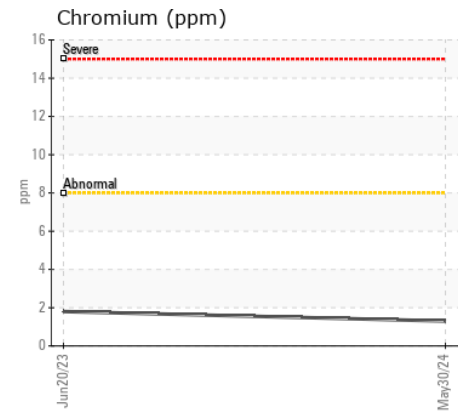
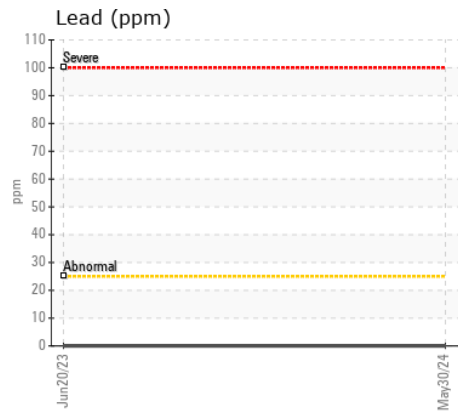
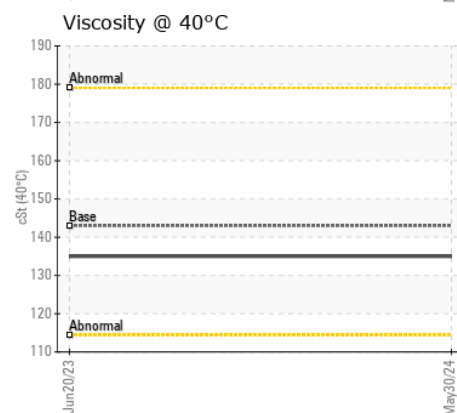
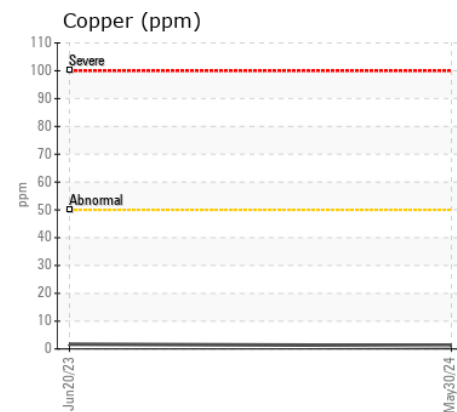
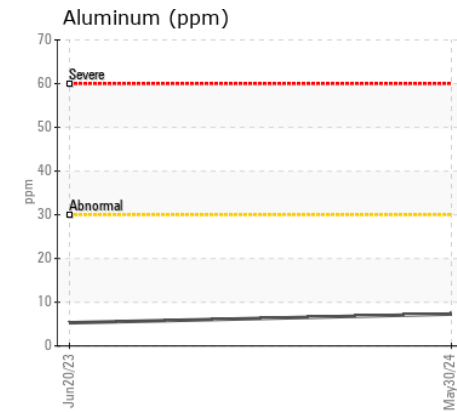
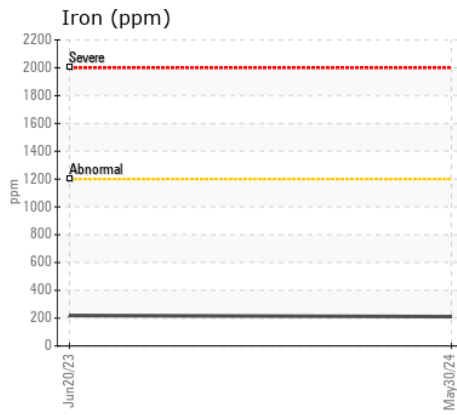
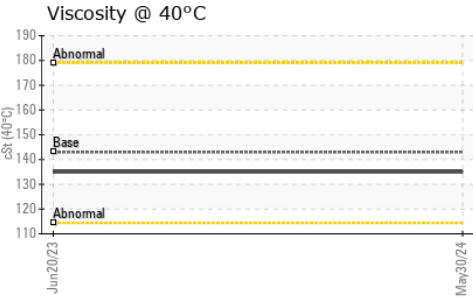
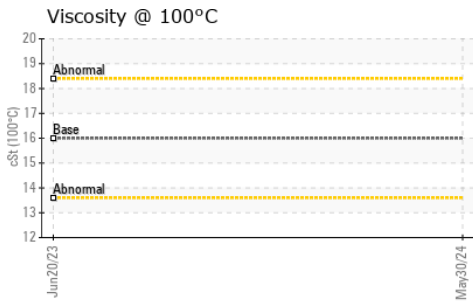
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>230	38	39	---
Potassium	ppm	ASTM D5185(m)	>20	4	4	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	VLITE	---
Debris	scalar	Visual*	NONE	NONE	VLITE	---
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	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>170	24	27	---
Boron	ppm	ASTM D5185(m)	400	136	119	---
Barium	ppm	ASTM D5185(m)	200	5	5	---
Molybdenum	ppm	ASTM D5185(m)	12	0	0	---
Manganese	ppm	ASTM D5185(m)		8	9	---
Magnesium	ppm	ASTM D5185(m)	12	3	3	---
Calcium	ppm	ASTM D5185(m)	150	18	19	---
Phosphorus	ppm	ASTM D5185(m)	1650	859	979	---
Zinc	ppm	ASTM D5185(m)	125	21	25	---
Sulfur	ppm	ASTM D5185(m)	22500	16121	17447	---
Visc @ 40°C	cSt	ASTM D7279(m)	143	135	135	---
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	14.1	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	117	101	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088213 **Received** : 03 Jun 2024
Lab Number : 02639466 **Tested** : 03 Jun 2024
Unique Number : 5788628 **Diagnosed** : 03 Jun 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, VI)

GFL Environmental 791MAT - Matane
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 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.