



Machine Id
501086
Component
1 Differential
Fluid
GEAR OIL SAE 75W90 (--- 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		GFL0110455	GFL0097405	GFL0078345
Sample Date		Client Info		01 Mar 2024	11 Oct 2023	03 Jul 2023
Machine Age	hrs	Client Info		11238	10585	10170
Oil Age	hrs	Client Info		11238	10170	10170
Filter Age	hrs	Client Info		11238	10170	10170
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>1200	161	172	170
Chromium	ppm	ASTM D5185(m)	>8	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>20	<1	0	<1
Titanium	ppm	ASTM D5185(m)	>4	0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>30	3	3	10
Lead	ppm	ASTM D5185(m)	>25	<1	<1	0
Copper	ppm	ASTM D5185(m)	>50	15	16	16
Tin	ppm	ASTM D5185(m)	>5	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

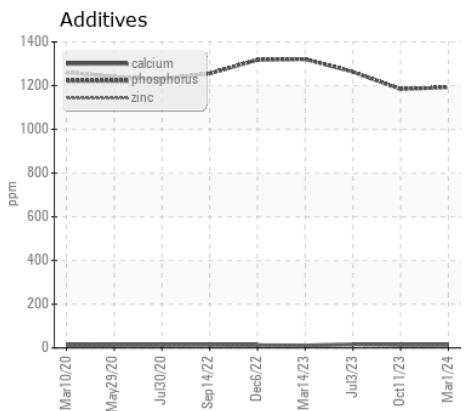
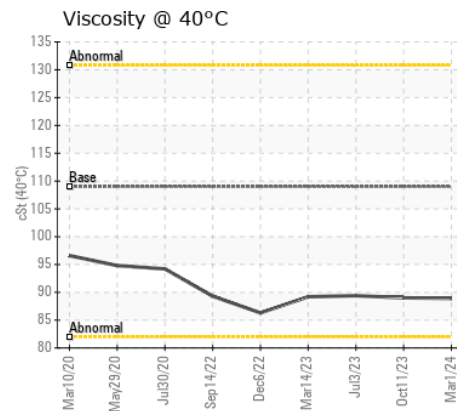
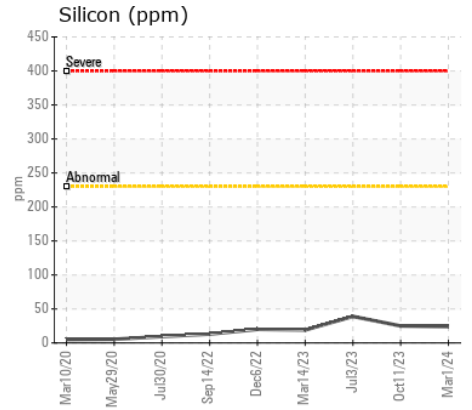
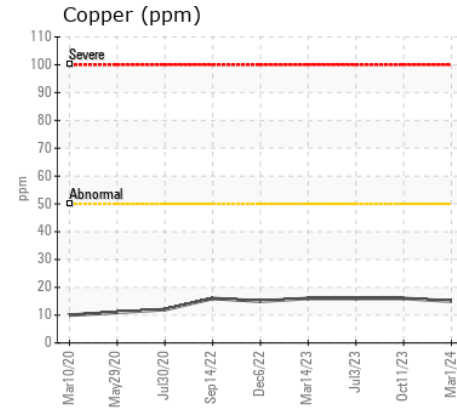
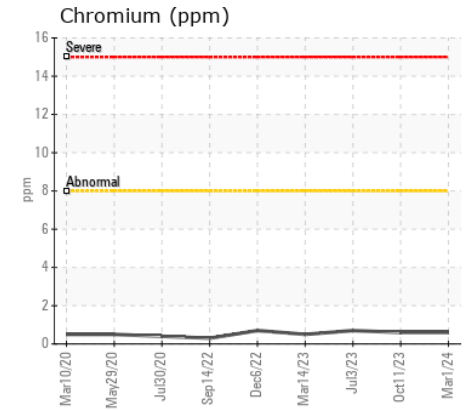
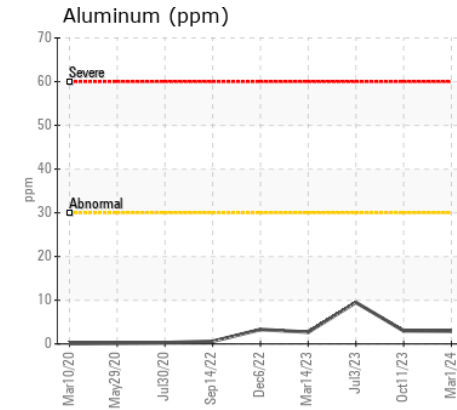
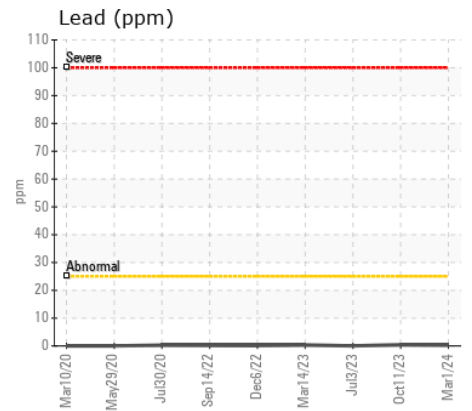
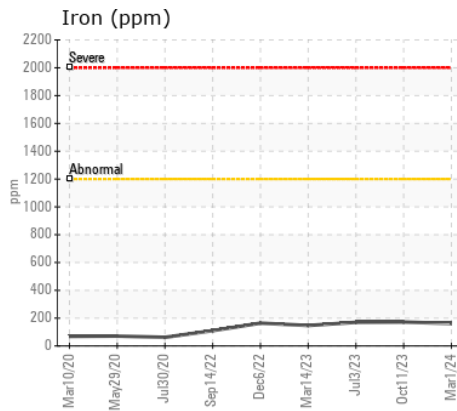
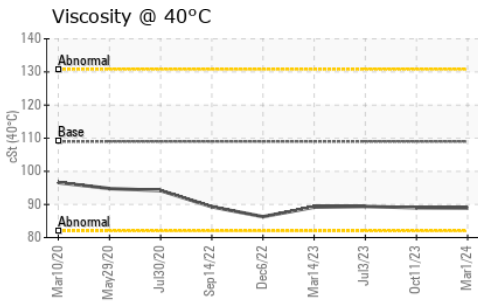
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>230	24	25	39
Potassium	ppm	ASTM D5185(m)	>20	10	1	3
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		4	4	6
Boron	ppm	ASTM D5185(m)	400	255	254	259
Barium	ppm	ASTM D5185(m)	200	0	<1	<1
Molybdenum	ppm	ASTM D5185(m)	12	<1	<1	1
Manganese	ppm	ASTM D5185(m)		9	9	9
Magnesium	ppm	ASTM D5185(m)	12	3	2	6
Calcium	ppm	ASTM D5185(m)	150	14	14	17
Phosphorus	ppm	ASTM D5185(m)	1650	1192	1184	1263
Zinc	ppm	ASTM D5185(m)	125	12	12	13
Sulfur	ppm	ASTM D5185(m)	22500	19967	19503	19887
Visc @ 40°C	cSt	ASTM D7279(m)	109	88.9	89.0	89.4



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0110455
Lab Number : 02620250
Unique Number : 5737360
Test Package : MOB 1
Received : 06 Mar 2024
Tested : 06 Mar 2024
Diagnosed : 06 Mar 2024 - Wes Davis

GFL Environmental - 732 - Beauce - Hauling - Solid Waste
 139, 181 Street,
 Beauceville, QC
 CA G5X 2S9
 Contact: Sandrine Duval
 sduval@matrec.ca
 T: (418)774-5275
 F: (418)774-5292

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.