



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
401219
 Component
2 Differential
 Fluid
GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

Usure des engrenages.

CONTAMINATION

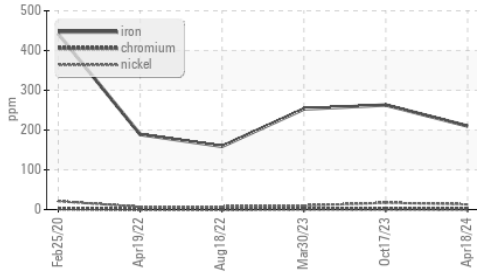
Il n'y a aucun indice de contamination dans l'huile.

FLUID CONDITION

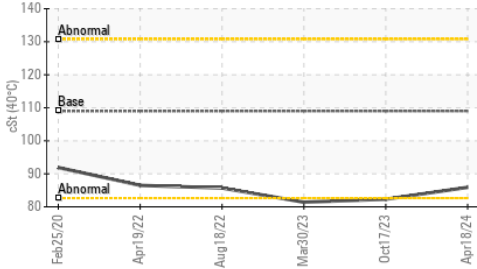
l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0117082	GFL0089695	GFL0078331
Sample Date		Client Info		18 Apr 2024	17 Oct 2023	30 Mar 2023
Machine Age	hrs	Client Info		24852	24270	23652
Oil Age	hrs	Client Info		19302	24270	23652
Filter Age	hrs	Client Info		0	24270	23652
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>500	210	263	253
Chromium	ppm	ASTM D5185(m)	>10	1	1	2
Nickel	ppm	ASTM D5185(m)	>10	▲ 13	▲ 17	10
Titanium	ppm	ASTM D5185(m)		<1	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	8	9	8
Lead	ppm	ASTM D5185(m)	>25	0	<1	0
Copper	ppm	ASTM D5185(m)	>100	1	2	2
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>75	44	56	50
Potassium	ppm	ASTM D5185(m)	>20	2	2	1
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		10	12	12
Boron	ppm	ASTM D5185(m)	400	222	252	277
Barium	ppm	ASTM D5185(m)	200	1	2	<1
Molybdenum	ppm	ASTM D5185(m)	12	0	0	<1
Manganese	ppm	ASTM D5185(m)		5	6	4
Magnesium	ppm	ASTM D5185(m)	12	4	4	4
Calcium	ppm	ASTM D5185(m)	150	17	19	24
Phosphorus	ppm	ASTM D5185(m)	1650	1134	1234	1344
Zinc	ppm	ASTM D5185(m)	125	8	10	12
Sulfur	ppm	ASTM D5185(m)	22500	19646	20317	20759
Visc @ 40°C	cSt	ASTM D7279(m)	109	85.9	82.3	81.4

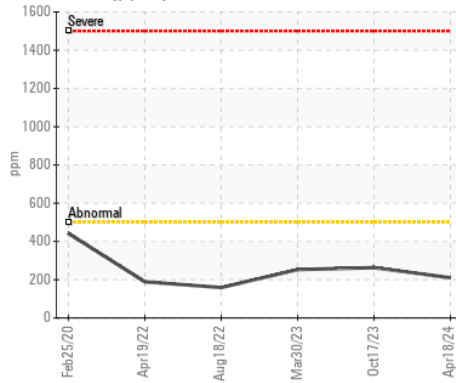
▲ Ferrous Alloys



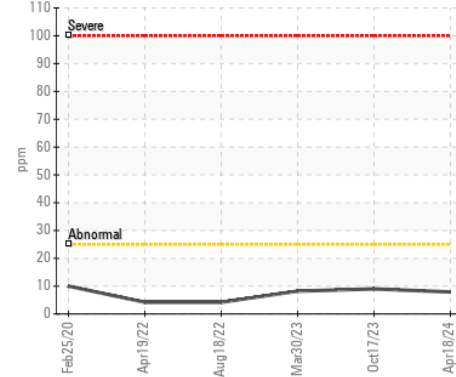
Viscosity @ 40°C



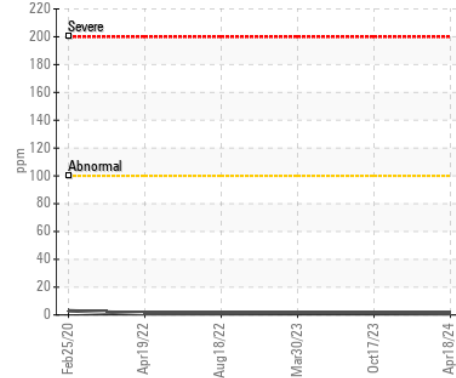
Iron (ppm)



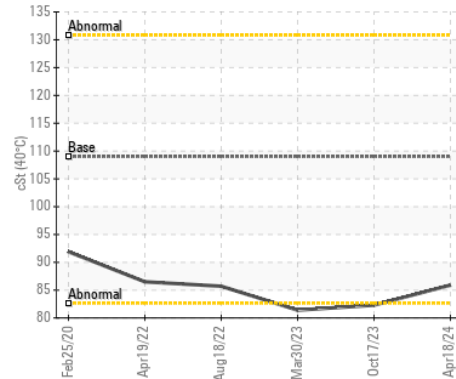
Aluminum (ppm)



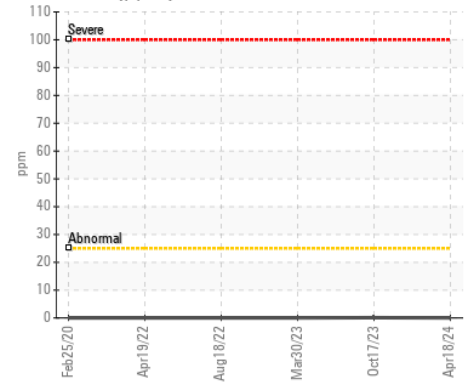
Copper (ppm)



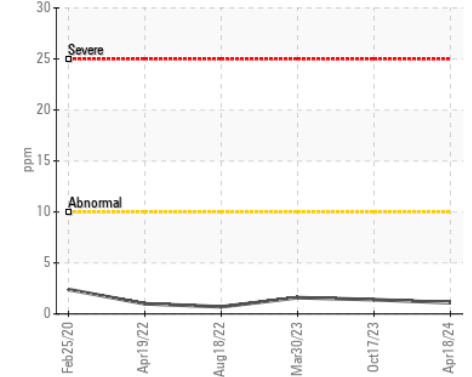
Viscosity @ 40°C



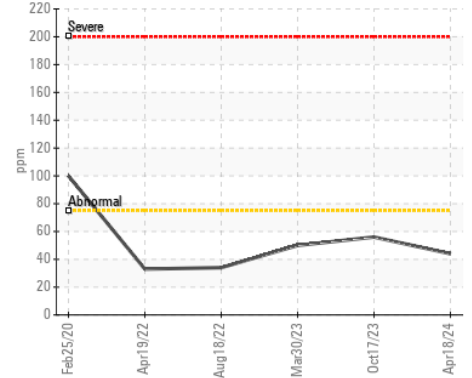
Lead (ppm)



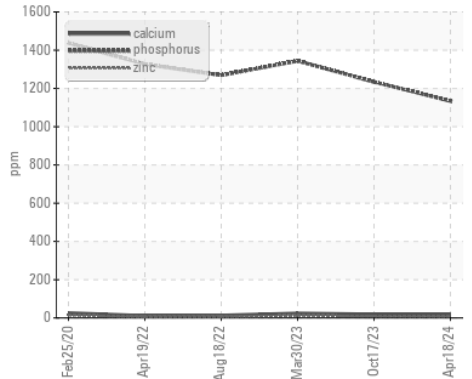
Chromium (ppm)



Silicon (ppm)



Additives



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0117082
Lab Number : 02630750
Unique Number : 5763882
Test Package : MOB 1

Received : 22 Apr 2024
Tested : 23 Apr 2024
Diagnosed : 23 Apr 2024 - Kevin Marson

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.