



Machine Id
WL0054
Component
Hydraulic System
Fluid
SAE 10W (--- 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		GFL0119168	GFL0118356	GFL0118344
Sample Date		Client Info		24 Jun 2024	10 May 2024	08 Apr 2024
Machine Age	hrs	Client Info		0	22231	22063
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		None	None	None
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>71	6	6	5
Chromium	ppm	ASTM D5185(m)	>11	2	2	2
Nickel	ppm	ASTM D5185(m)	>6	<1	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>11	1	<1	<1
Lead	ppm	ASTM D5185(m)	>13	0	0	0
Copper	ppm	ASTM D5185(m)	>21	1	1	1
Tin	ppm	ASTM D5185(m)	>5	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	VLITE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

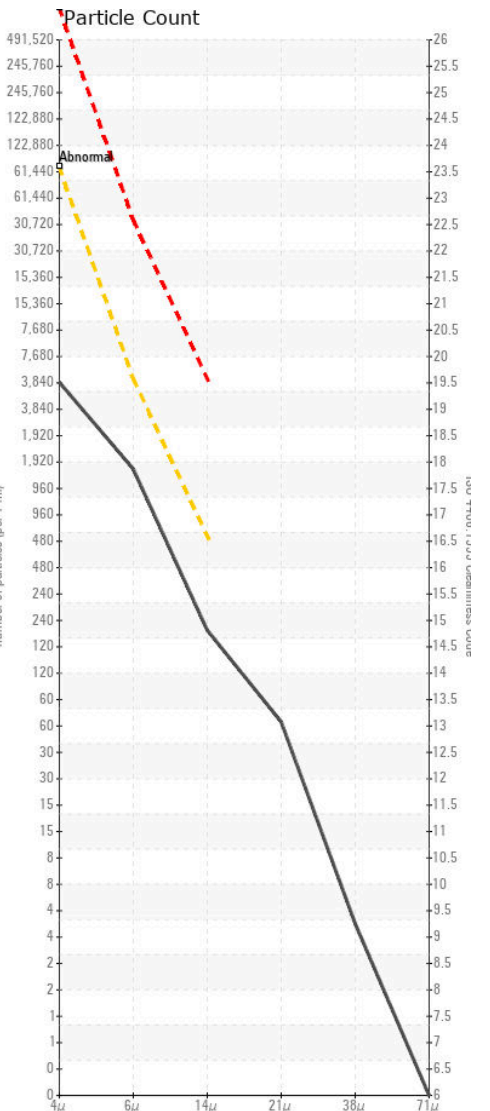
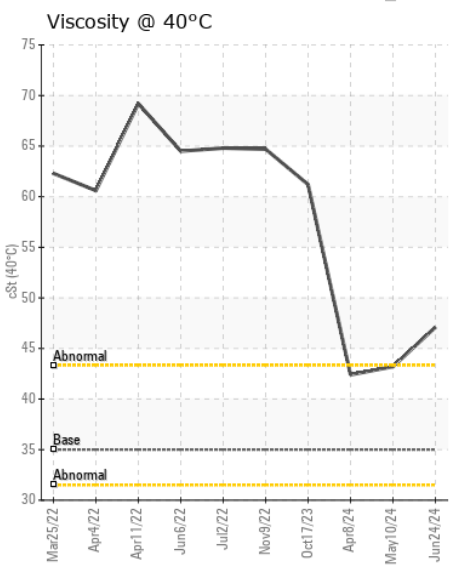
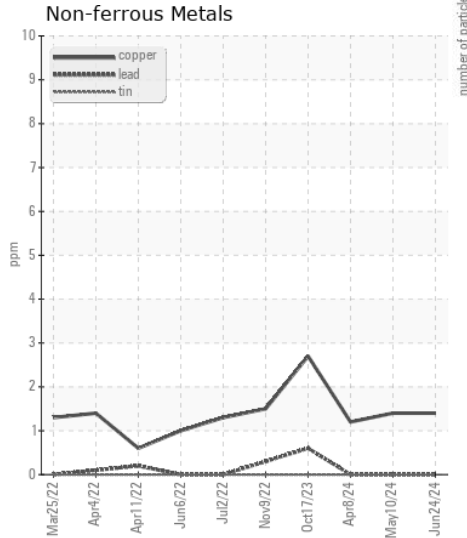
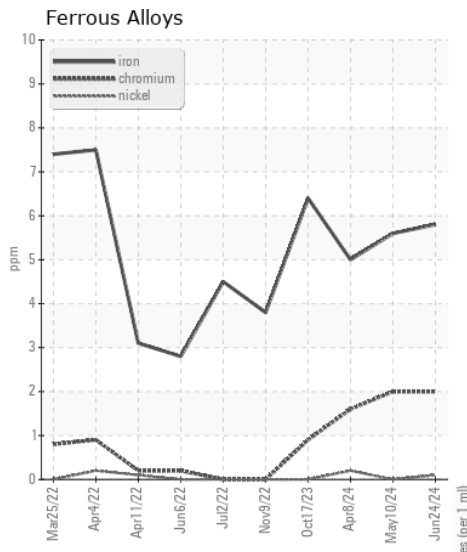
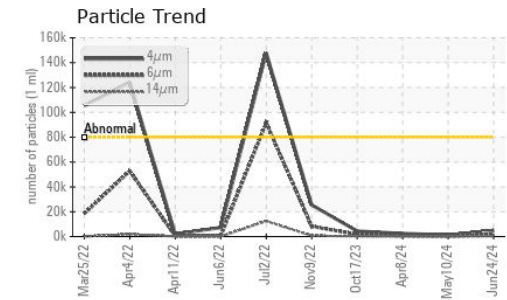
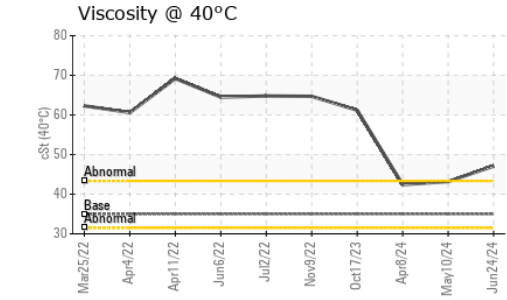
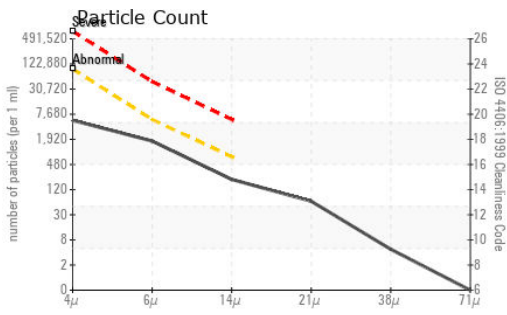
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. NOTE: Une hausse du compte de particules est observée.

Silicon	ppm	ASTM D5185(m)	>24	3	2	2
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>80000	4775	1280	2446
Particles >6µm		ASTM D7647	>5000	1532	252	718
Particles >14µm		ASTM D7647	>640	186	24	57
Particles >21µm		ASTM D7647	>160	56	6	15
Particles >38µm		ASTM D7647	>40	4	1	2
Particles >71µm		ASTM D7647	>10	0	1	1
Oil Cleanliness		ISO 4406 (c)	>23/19/16	19/18/15	17/15/12	18/17/13
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	VLITE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>21	1	2	2
Boron	ppm	ASTM D5185(m)		2	2	2
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		16	21	20
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		245	341	334
Calcium	ppm	ASTM D5185(m)		845	503	500
Phosphorus	ppm	ASTM D5185(m)		596	596	579
Zinc	ppm	ASTM D5185(m)		721	697	695
Sulfur	ppm	ASTM D5185(m)		1669	1506	1463
Visc @ 40°C	cSt	ASTM D7279(m)	35.0	47.1	43.2	42.4



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0119168
Lab Number : 02645516
Unique Number : 5803055
Test Package : MOB 1 (Additional Tests: Bottom, FilterPatch, PrtCount)

Received : 04 Jul 2024
Tested : 05 Jul 2024
Diagnosed : 05 Jul 2024 - Kevin Marson
GFL Environmental - 743 - Montreal Est CD Processing
 10930 rue Sherbrooke
 Montreal, QC
 CA H1B 1B4
 Contact: Patrick Beaulieu
 patrick.beaulieu@gflenv.com

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.