



Machine Id
811019
Component
Hydraulic System
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0107400	GFL0096640	GFL0080303
Sample Date		Client Info		03 Apr 2024	05 Oct 2023	19 Apr 2023
Machine Age	kms	Client Info		122249	0	79959
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	NORMAL	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>50	6	6	<1
Chromium	ppm	ASTM D5185(m)	>10	1	<1	0
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titanium	ppm	ASTM D5185(m)		<1	0	0
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>5	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>4	0	0	0
Copper	ppm	ASTM D5185(m)	>15	<1	1	0
Tin	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

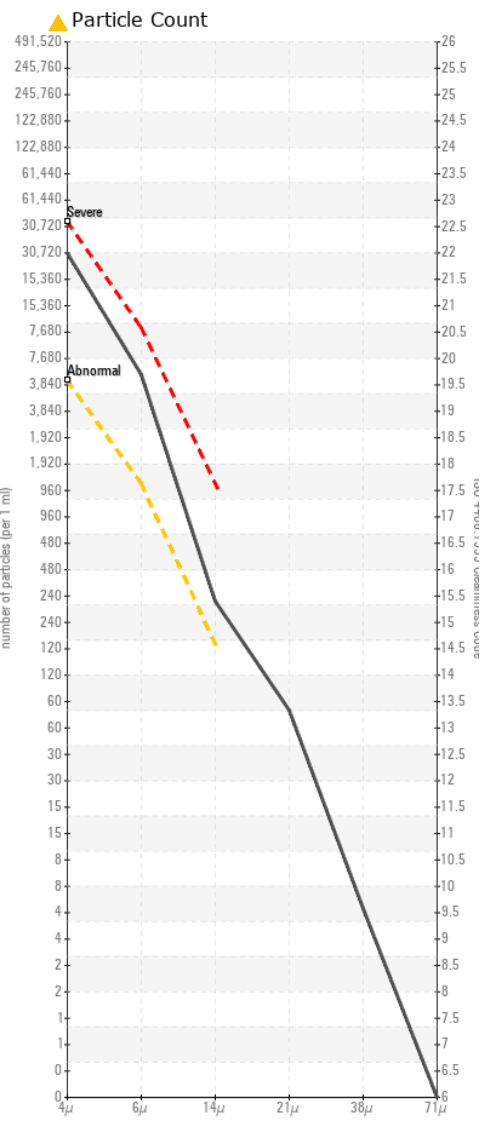
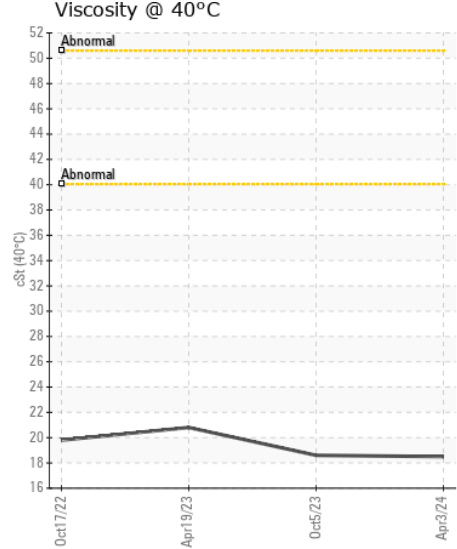
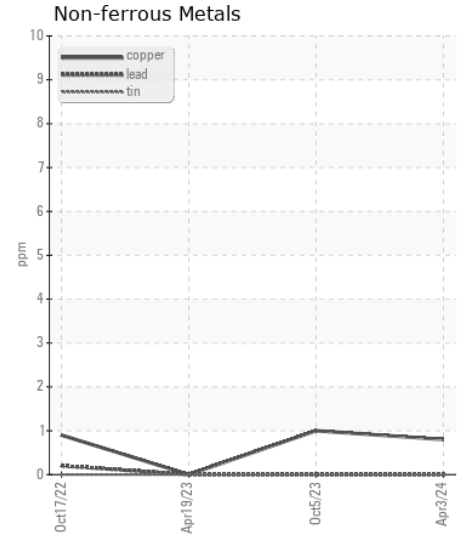
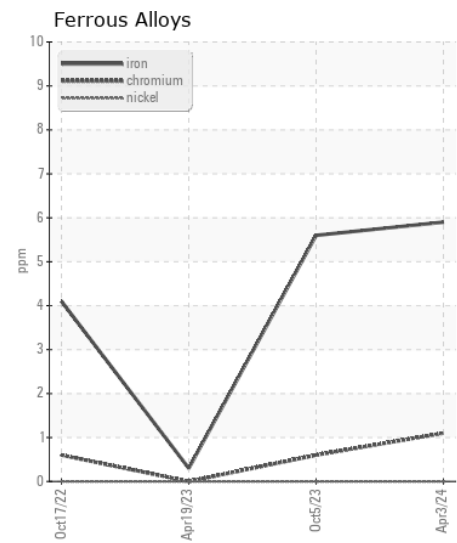
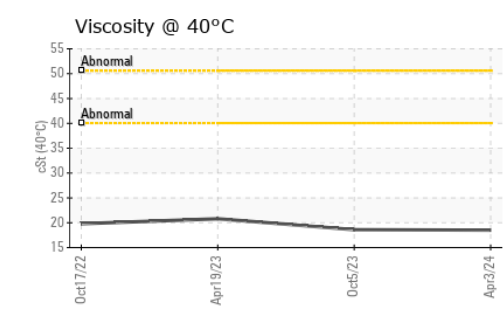
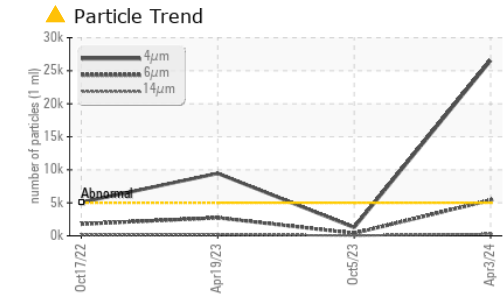
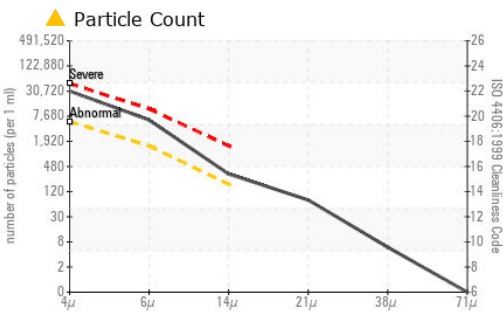
Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile.

Silicon	ppm	ASTM D5185(m)	>15	1	1	<1
Potassium	ppm	ASTM D5185(m)	>20	5	1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 26536	1255	● 9454
Particles >6µm		ASTM D7647	>1300	▲ 5412	383	▲ 2732
Particles >14µm		ASTM D7647	>160	● 279	37	● 191
Particles >21µm		ASTM D7647	>40	● 67	7	54
Particles >38µm		ASTM D7647	>10	5	0	4
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 22/20/15	17/16/12	▲ 20/19/15
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	VLITE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

L'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

Sodium	ppm	ASTM D5185(m)		8	5	1
Boron	ppm	ASTM D5185(m)		1	<1	<1
Barium	ppm	ASTM D5185(m)		0	<1	0
Molybdenum	ppm	ASTM D5185(m)		0	0	<1
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		99	93	92
Calcium	ppm	ASTM D5185(m)		121	107	153
Phosphorus	ppm	ASTM D5185(m)		337	318	322
Zinc	ppm	ASTM D5185(m)		412	404	359
Sulfur	ppm	ASTM D5185(m)		841	797	767
Visc @ 40°C	cSt	ASTM D7279(m)		18.5	18.6	20.8



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107400
Lab Number : 02628502
Unique Number : 5761634
Test Package : MOB 1 (Additional Tests: PrtCount)
Received : 12 Apr 2024
Tested : 15 Apr 2024
Diagnosed : 15 Apr 2024 - Wes Davis

GFL Environmental - 730 - Chicoutimi - Hauling
 3199 Boul. Talbot
 Chicoutimi, QC
 CA G7H 5B1
 Contact: Yan Houde
 yhoude@matrec.ca
 T: (418)549-8074
 F: (418)549-7973

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.