



Machine Id
813098
Component
Hydraulic System
Fluid
AW HYDRAULIC OIL ISO 32 (--- 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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0107392	GFL0096643	---
Sample Date		Client Info		26 Mar 2024	11 Oct 2023	---
Machine Age	kms	Client Info		59160	29564	---
Oil Age	kms	Client Info		0	0	---
Filter Age	kms	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				ABNORMAL	ABNORMAL	---

WEAR

La présence du chrome est marginale. Les taux d'usure de tous les autres composants sont normaux.

Iron	ppm	ASTM D5185(m)	>50	13	7	---
Chromium	ppm	ASTM D5185(m)	>10	10	4	---
Nickel	ppm	ASTM D5185(m)	>4	0	<1	---
Titanium	ppm	ASTM D5185(m)		<1	0	---
Silver	ppm	ASTM D5185(m)		0	<1	---
Aluminum	ppm	ASTM D5185(m)	>5	2	1	---
Lead	ppm	ASTM D5185(m)	>4	0	<1	---
Copper	ppm	ASTM D5185(m)	>15	3	3	---
Tin	ppm	ASTM D5185(m)	>4	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

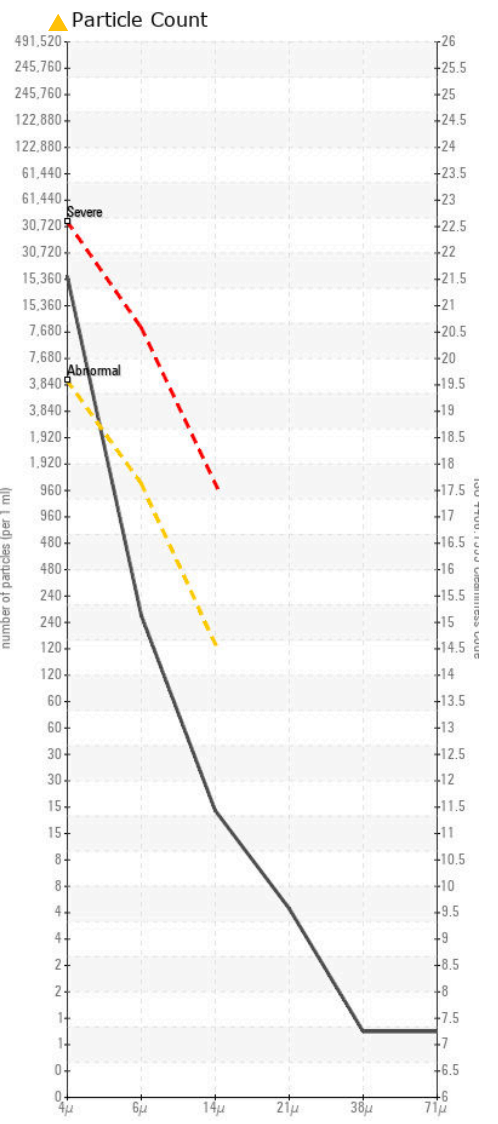
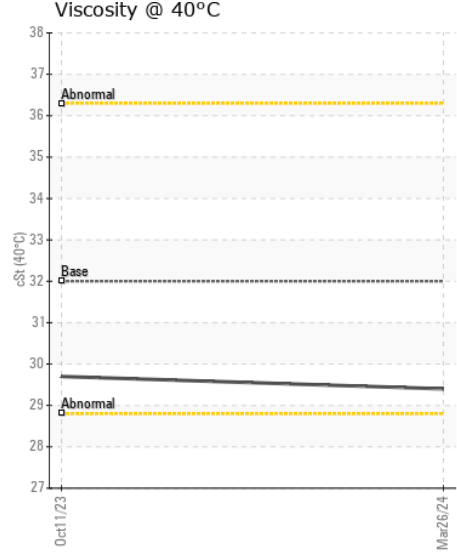
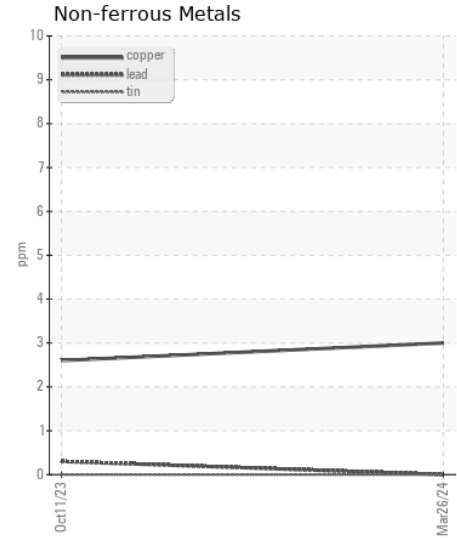
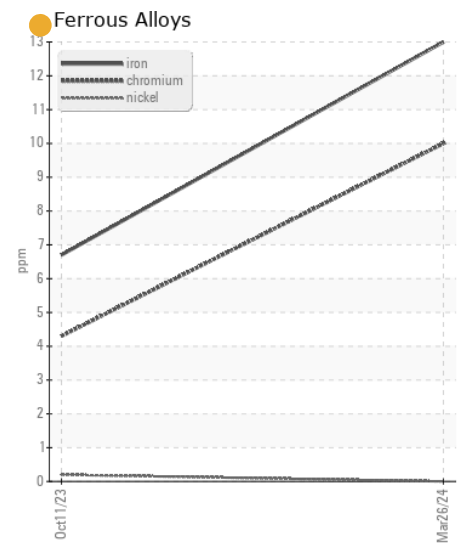
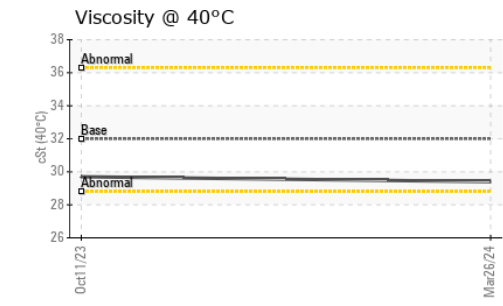
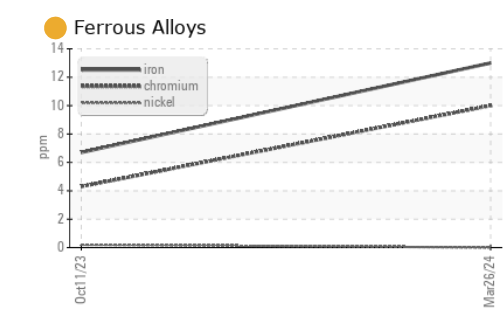
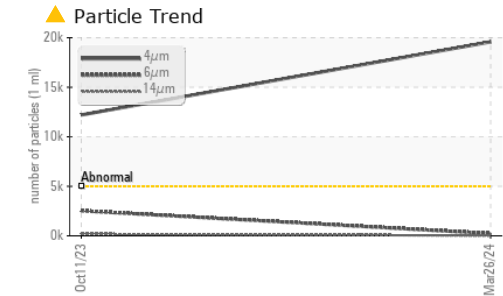
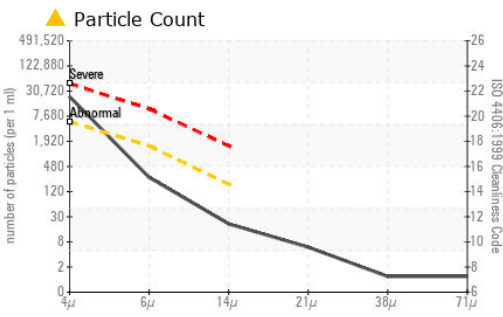
Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile.

Silicon	ppm	ASTM D5185(m)	>15	6	4	---
Potassium	ppm	ASTM D5185(m)	>20	9	4	---
Water		WC Method	>0.1	NEG	NEG	---
Particles >4µm		ASTM D7647	>5000	19584	12203	---
Particles >6µm		ASTM D7647	>1300	232	2524	---
Particles >14µm		ASTM D7647	>160	18	191	---
Particles >21µm		ASTM D7647	>40	5	48	---
Particles >38µm		ASTM D7647	>10	1	4	---
Particles >71µm		ASTM D7647	>3	1	1	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	21/15/11	21/19/15	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		11	6	---
Boron	ppm	ASTM D5185(m)	5	<1	<1	---
Barium	ppm	ASTM D5185(m)	5	<1	<1	---
Molybdenum	ppm	ASTM D5185(m)	5	0	0	---
Manganese	ppm	ASTM D5185(m)		<1	0	---
Magnesium	ppm	ASTM D5185(m)	25	14	9	---
Calcium	ppm	ASTM D5185(m)	200	65	57	---
Phosphorus	ppm	ASTM D5185(m)	300	323	309	---
Zinc	ppm	ASTM D5185(m)	370	416	412	---
Sulfur	ppm	ASTM D5185(m)	2500	770	737	---
Visc @ 40°C	cSt	ASTM D7279(m)	32	29.4	29.7	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107392
Lab Number : 02628500
Unique Number : 5761632
Test Package : MOB 1 (Additional Tests: PrtCount)
Received : 12 Apr 2024
Tested : 15 Apr 2024
Diagnosed : 15 Apr 2024 - Kevin Marson

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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.