



Machine Id
OR483
Component
Hydraulic System
Fluid

APRIL SUPERFLO RXL1 RED AW HYDRAULIC OIL AW 32 (--- 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		GFL0089176	GFL0089177	GFL0089234
Sample Date		Client Info		22 Dec 2023	11 Dec 2023	21 Nov 2023
Machine Age	hrs	Client Info		12046	11952	11824
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	SEVERE

WEAR

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

Iron	ppm	ASTM D5185(m)	>71	6	7	19
Chromium	ppm	ASTM D5185(m)	>11	6	8	0
Nickel	ppm	ASTM D5185(m)	>6	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>11	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>13	0	0	67
Copper	ppm	ASTM D5185(m)	>21	<1	<1	23
Tin	ppm	ASTM D5185(m)	>5	0	0	<1
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

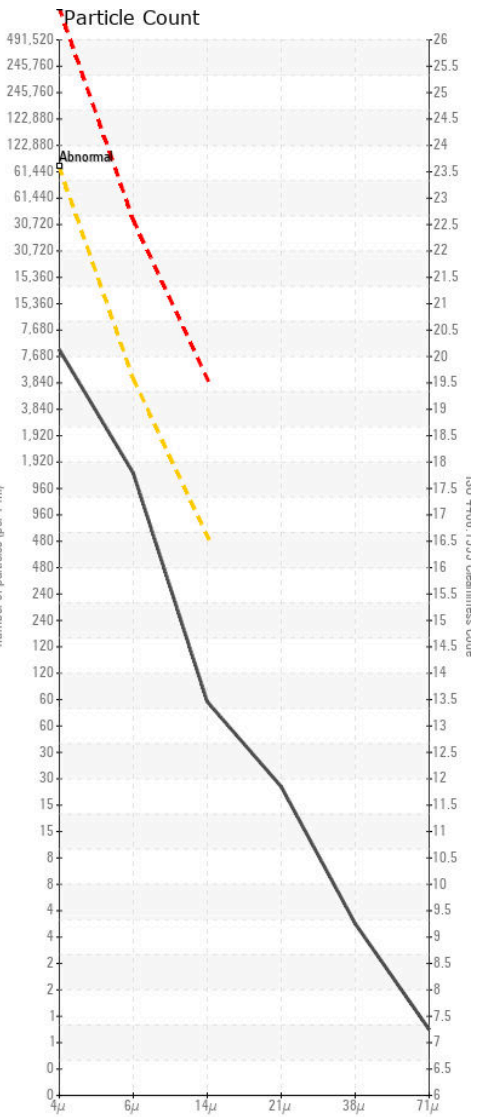
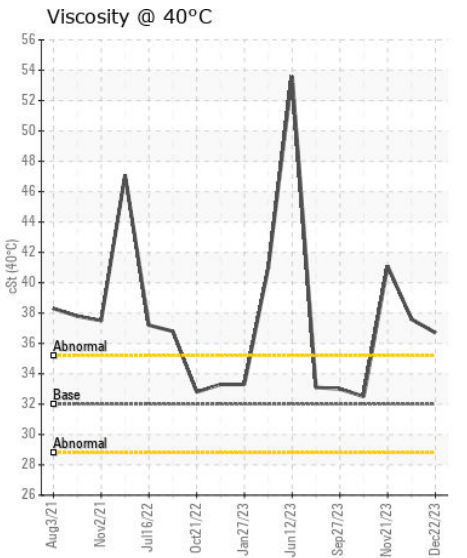
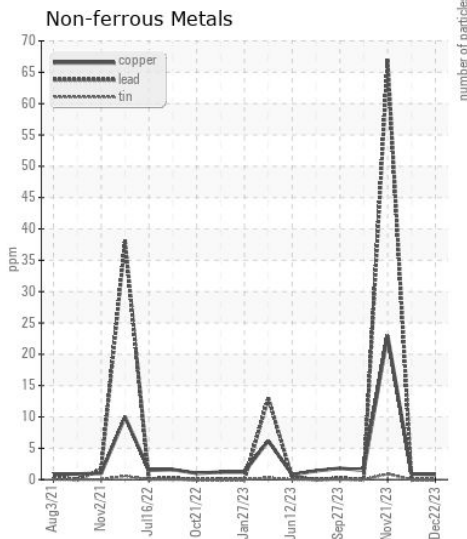
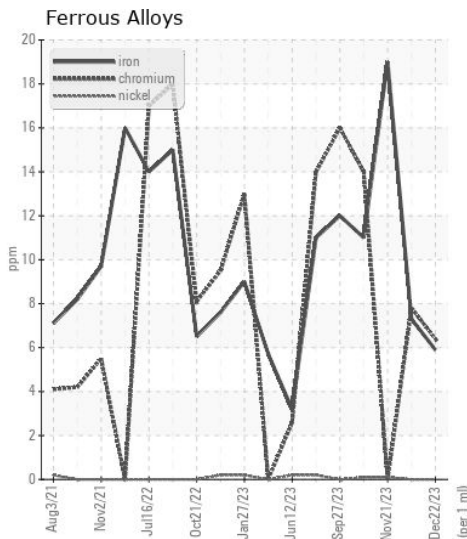
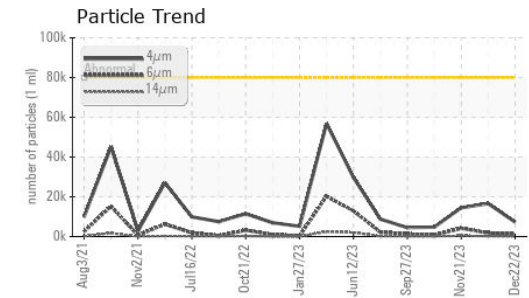
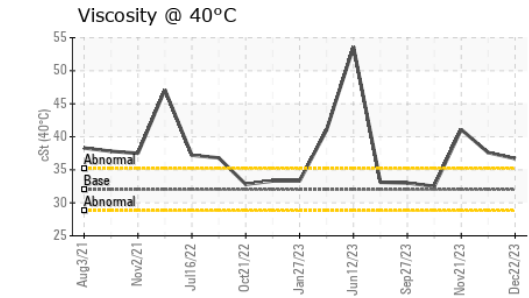
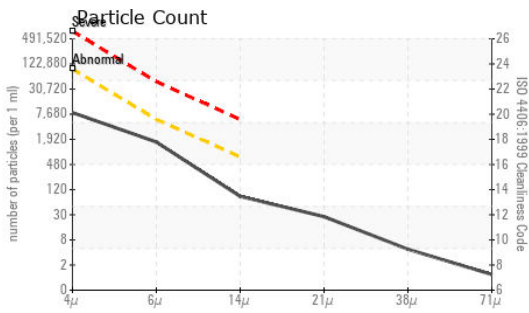
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable.

Silicon	ppm	ASTM D5185(m)	>24	2	2	4
Potassium	ppm	ASTM D5185(m)	>20	11	0	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>80000	7313	16591	14505
Particles >6µm		ASTM D7647	>5000	1453	1803	4180
Particles >14µm		ASTM D7647	>640	73	199	353
Particles >21µm		ASTM D7647	>160	24	55	99
Particles >38µm		ASTM D7647	>40	4	3	8
Particles >71µm		ASTM D7647	>10	1	0	1
Oil Cleanliness		ISO 4406 (c)	>23/19/16	20/18/13	21/18/15	21/19/16
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
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	1	2
Boron	ppm	ASTM D5185(m)		2	2	2
Barium	ppm	ASTM D5185(m)		0	<1	1
Molybdenum	ppm	ASTM D5185(m)		<1	<1	1
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		20	21	19
Calcium	ppm	ASTM D5185(m)		1569	1750	3211
Phosphorus	ppm	ASTM D5185(m)		768	814	1240
Zinc	ppm	ASTM D5185(m)		821	883	1313
Sulfur	ppm	ASTM D5185(m)		2159	2229	3644
Visc @ 40°C	cSt	ASTM D7279(m)	32	36.7	37.6	41.1



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 784 - Saint-Hyacinthe
Sample No. : GFL0089176 **Received** : 12 Jan 2024
Lab Number : 02608549 **Diagnosed** : 16 Jan 2024
Unique Number : 5709635 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: PrtCount)

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.

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