



Machine Id
OR489
Component
Hydraulic System
Fluid
APRIL SUPERFLO TDH PLUS (--- GAL)

RECOMMENDATION

Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. 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		GFL0114984	GFL0089186	GFL0089189
Sample Date		Client Info		17 Jun 2024	08 Feb 2024	01 Feb 2024
Machine Age	hrs	Client Info		12355	11971	11932
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>71	12	9	9
Chromium	ppm	ASTM D5185(m)	>11	8	6	6
Nickel	ppm	ASTM D5185(m)	>6	<1	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		<1	0	0
Aluminum	ppm	ASTM D5185(m)	>11	<1	1	2
Lead	ppm	ASTM D5185(m)	>13	0	<1	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	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

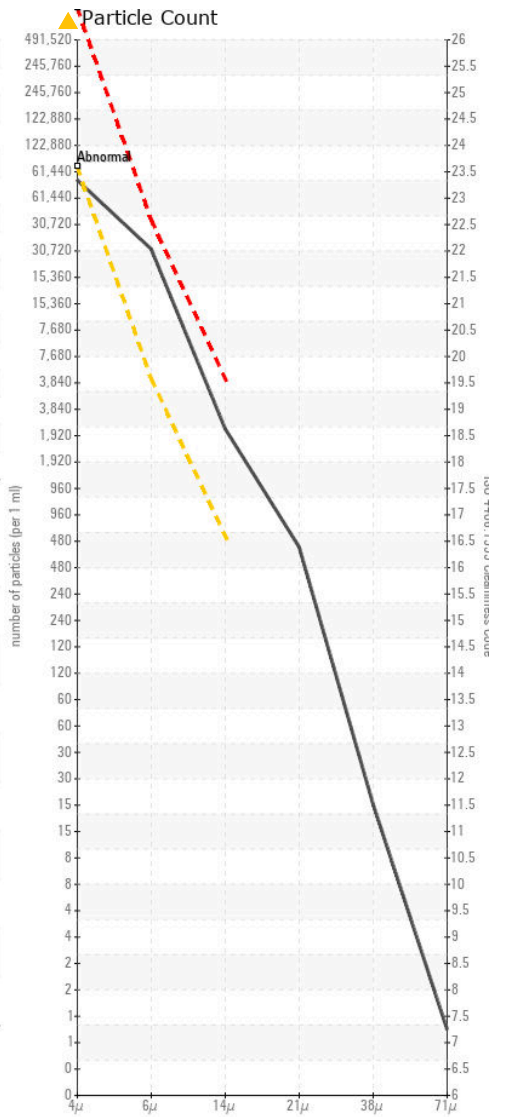
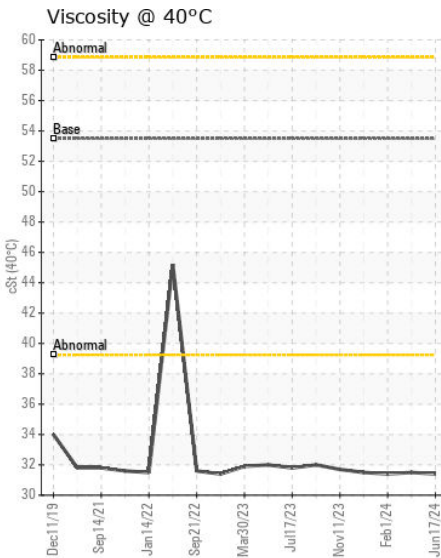
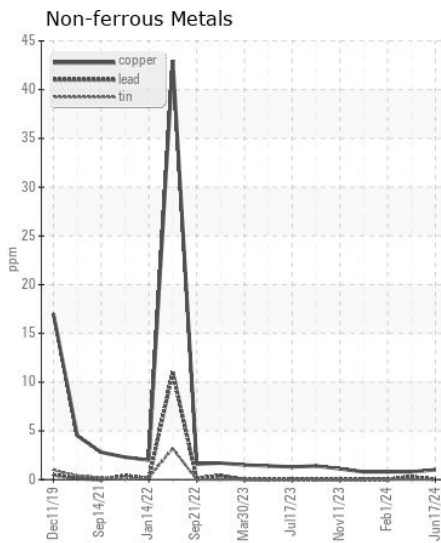
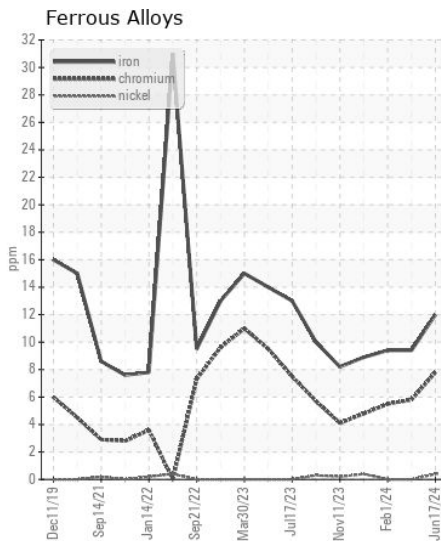
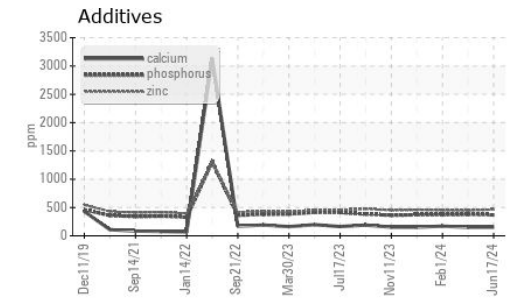
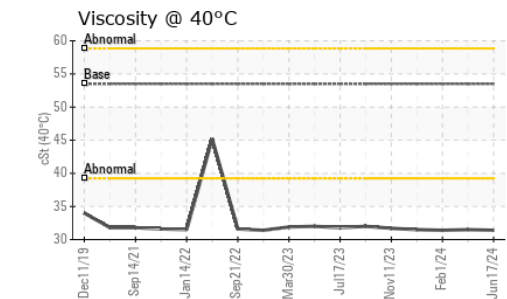
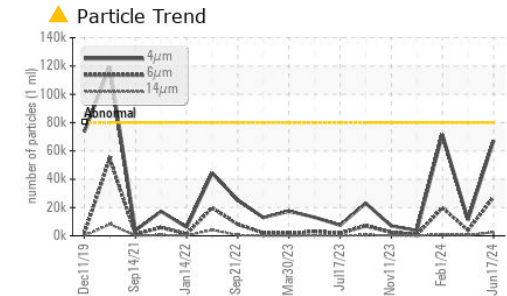
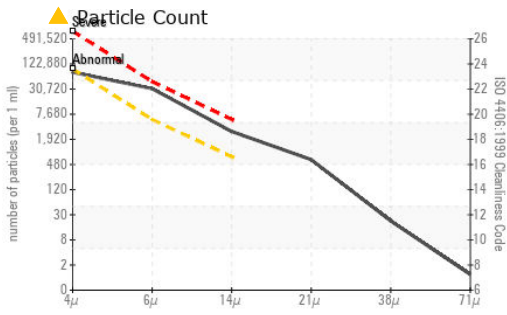
Il y a une quantité modérée de matières particulaires (2 à 100 µm de taille) présente dans l'huile.

Silicon	ppm	ASTM D5185(m)	>24	2	1	10
Potassium	ppm	ASTM D5185(m)	>20	<1	1	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>80000	67216	11329	71510
Particles >6µm		ASTM D7647	>5000	▲ 27225	3872	▲ 19795
Particles >14µm		ASTM D7647	>640	▲ 2592	423	● 869
Particles >21µm		ASTM D7647	>160	▲ 551	133	143
Particles >38µm		ASTM D7647	>40	19	10	7
Particles >71µm		ASTM D7647	>10	1	1	1
Oil Cleanliness		ISO 4406 (c)	>23/19/16	▲ 23/22/19	21/19/16	▲ 23/21/17
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
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*	>0.075	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)	>21	2	1	1
Boron	ppm	ASTM D5185(m)		1	1	1
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		<1	<1	<1
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		18	18	18
Calcium	ppm	ASTM D5185(m)		152	151	171
Phosphorus	ppm	ASTM D5185(m)		370	376	374
Zinc	ppm	ASTM D5185(m)		465	448	452
Sulfur	ppm	ASTM D5185(m)		909	942	1036
Visc @ 40°C	cSt	ASTM D7279(m)	53.5	31.4	31.5	31.4



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114984
Lab Number : 02642614
Unique Number : 5800153
Test Package : MOB 1 (Additional Tests: PrtCount)
Received : 18 Jun 2024
Tested : 19 Jun 2024
Diagnosed : 19 Jun 2024 - Wes Davis

GFL Environmental - 784 - Saint-Hyacinthe
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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.