



Machine Id
801247
Component
Hydraulic System
Fluid
PETRO CANADA HYDREX MV 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		GFL0111796	GFL0070511	GFL0070526
Sample Date		Client Info		03 May 2024	14 May 2023	21 Nov 2022
Machine Age	hrs	Client Info		9098	7750	7081
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changed	Not Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				ABNORMAL	SEVERE	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>40	7	9	7
Chromium	ppm	ASTM D5185(m)	>5	1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>8	<1	1	<1
Lead	ppm	ASTM D5185(m)	>5	0	0	0
Copper	ppm	ASTM D5185(m)	>20	<1	1	1
Tin	ppm	ASTM D5185(m)	>2	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

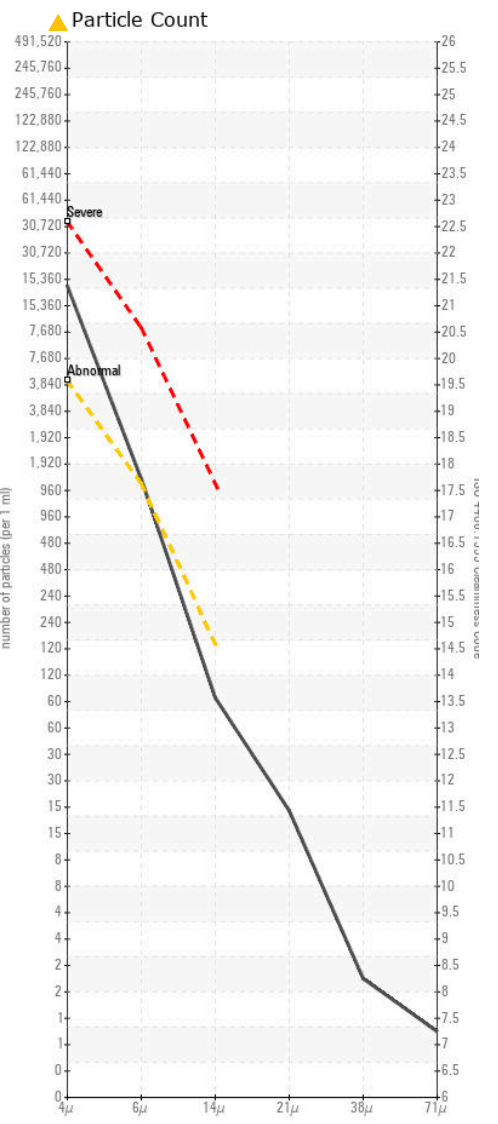
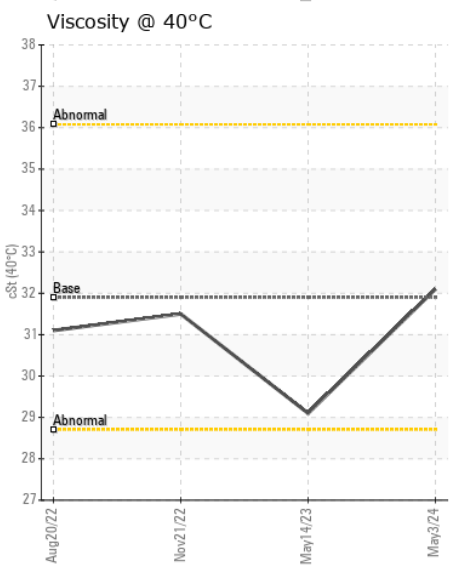
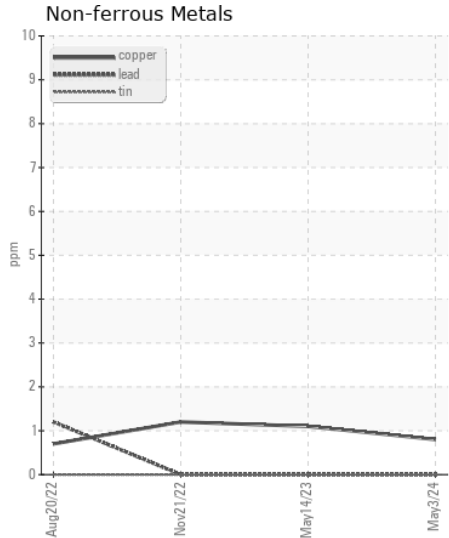
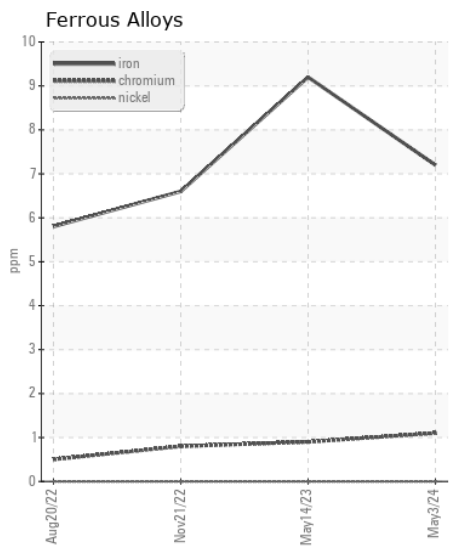
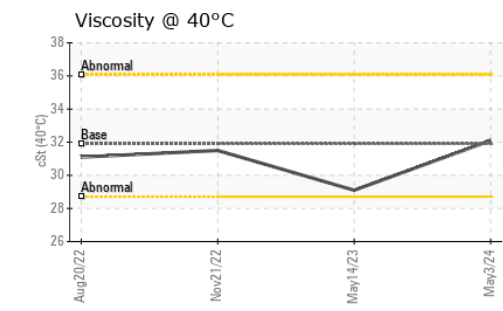
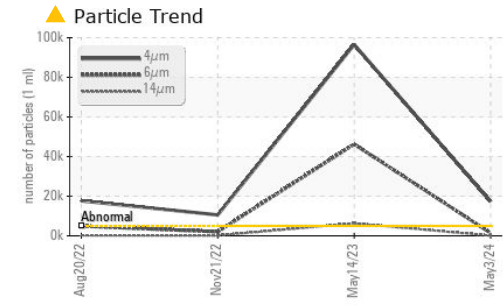
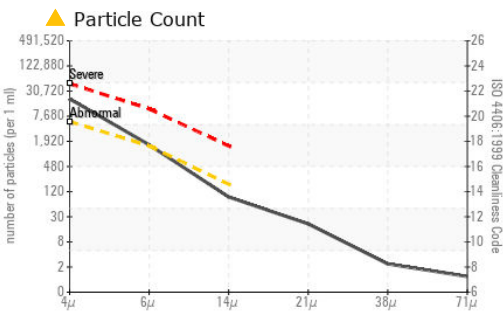
Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	2	3	2
Potassium	ppm	ASTM D5185(m)	>20	5	4	2
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 17319	▲ 96548	▲ 10540
Particles >6µm		ASTM D7647	>1300	● 1382	▲ 46266	● 2045
Particles >14µm		ASTM D7647	>160	79	▲ 6290	151
Particles >21µm		ASTM D7647	>40	18	▲ 1840	33
Particles >38µm		ASTM D7647	>10	2	▲ 76	1
Particles >71µm		ASTM D7647	>3	1	▲ 6	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 21/18/13	▲ 24/23/20	▲ 21/18/14
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*	>0.1	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)		4	5	3
Boron	ppm	ASTM D5185(m)	0	<1	2	2
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	<1
Manganese	ppm	ASTM D5185(m)	1	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	6	13	13
Calcium	ppm	ASTM D5185(m)	50	69	81	167
Phosphorus	ppm	ASTM D5185(m)	330	354	357	347
Zinc	ppm	ASTM D5185(m)	430	451	407	373
Sulfur	ppm	ASTM D5185(m)	760	832	848	905
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	32.1	29.1	31.5



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 769 - Drummondville CD**
Sample No. : GFL0111796 **Received** : 08 May 2024 1005 rue Rhea
Lab Number : 02634139 **Tested** : 09 May 2024 Drummondville, QC
Unique Number : 5775292 **Diagnosed** : 09 May 2024 - Wes Davis CA J2B 8A9
Test Package : MOB 1 (Additional Tests: PrtCount) Contact: Service Manager

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.