



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>SEVERE</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**701051**  
Component  
**Hydraulic System**  
Fluid  
**PETRO CANADA HYDREX MV 32 (--- GAL)**

**RECOMMENDATION**

Nous vous recommandons de vérifier tous les endroits par lesquels des contaminants peuvent pénétrer dans le système. Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. Le reniflard d'air doit être réparé. S'il n'est pas classé, nous vous recommandons de le remplacer par un reniflard à air adapté au micron et / ou au dessicant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

**WEAR**

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

**CONTAMINATION**

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

**FLUID CONDITION**

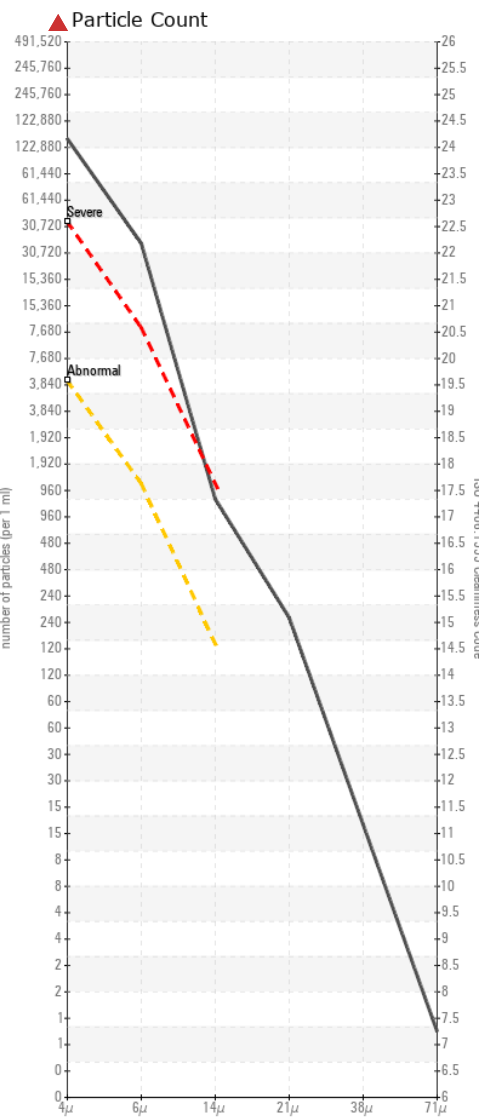
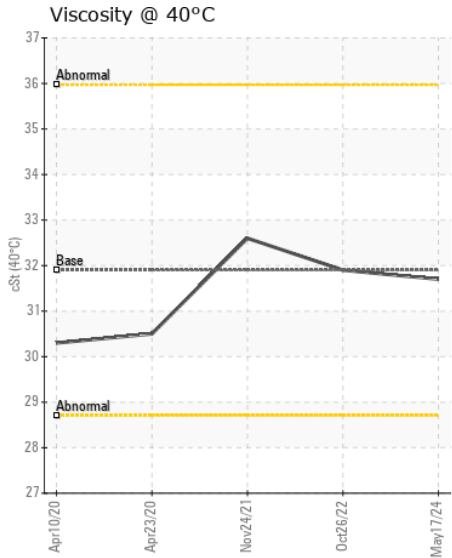
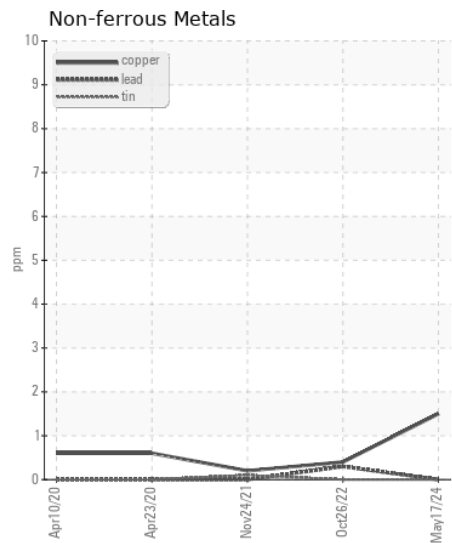
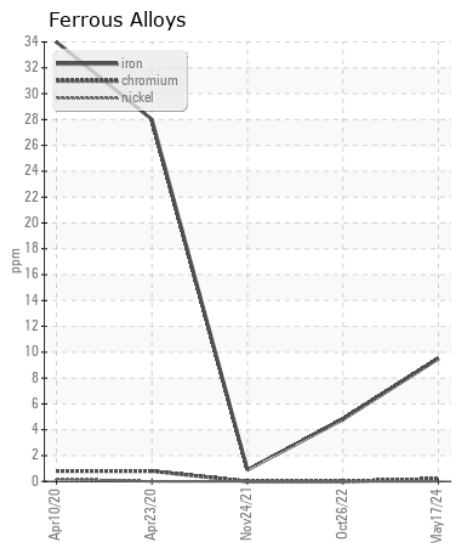
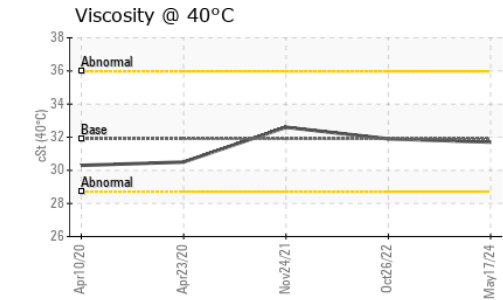
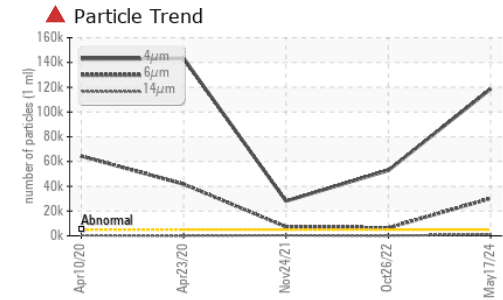
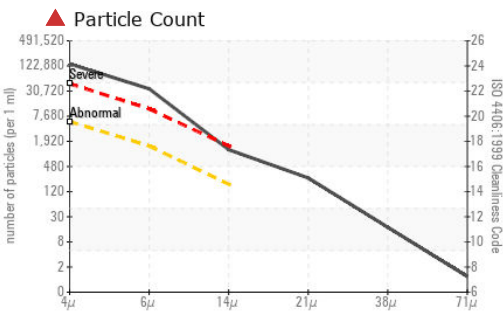
L'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0120699</b>	GFL0055349	GFL0035055
Sample Date		Client Info		<b>17 May 2024</b>	26 Oct 2022	24 Nov 2021
Machine Age	hrs	Client Info		<b>18905</b>	11191	134993
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	Not Changed
Filter Changed		Client Info		<b>N/A</b>	Changed	N/A
Sample Status				<b>SEVERE</b>	SEVERE	ABNORMAL

Iron	ppm	ASTM D5185(m)	>40	<b>10</b>	5	<1
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	7	1
Aluminum	ppm	ASTM D5185(m)	>8	<b>&lt;1</b>	<1	0
Lead	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>20	<b>2</b>	<1	<1
Tin	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>20	<b>2</b>	<1	1
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	<1	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>5000	<b>▲ 118553</b>	▲ 52830	▲ 28016
Particles >6µm		ASTM D7647	>1300	<b>▲ 30157</b>	▲ 6374	▲ 7247
Particles >14µm		ASTM D7647	>160	<b>▲ 1064</b>	76	▲ 439
Particles >21µm		ASTM D7647	>40	<b>▲ 225</b>	16	▲ 82
Particles >38µm		ASTM D7647	>10	<b>● 15</b>	1	5
Particles >71µm		ASTM D7647	>3	<b>1</b>	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>▲ 24/22/17</b>	▲ 23/20/13	▲ 22/20/16
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>VLITE</b>	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185(m)		<b>3</b>	2	0
Boron	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)	1	<b>0</b>	0	0
Magnesium	ppm	ASTM D5185(m)	0	<b>4</b>	<1	<1
Calcium	ppm	ASTM D5185(m)	50	<b>151</b>	44	51
Phosphorus	ppm	ASTM D5185(m)	330	<b>323</b>	347	328
Zinc	ppm	ASTM D5185(m)	430	<b>363</b>	395	402
Sulfur	ppm	ASTM D5185(m)	760	<b>821</b>	758	713
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	<b>31.7</b>	31.9	32.6



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0120699  
**Lab Number** : 02636954  
**Unique Number** : 5786116  
**Test Package** : MOB 1 ( Additional Tests: PrtCount )  
**Received** : 22 May 2024  
**Tested** : 23 May 2024  
**Diagnosed** : 23 May 2024 - Wes Davis

**GFL Environmental - 747 - GMA - Solid Waste**  
 4 Chemin du Tremblay,  
 Boucherville, QC  
 CA J4B 6Z5  
 Contact: Steve Voyer  
 svoyer@matrec.ca

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.