



Machine Id  
**9255**  
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		<b>GFL0114853</b>	GFL0097098	GFL0084474
Sample Date		Client Info		<b>26 Mar 2024</b>	05 Oct 2023	22 Jun 2023
Machine Age	hrs	Client Info		<b>18496</b>	17340	354046
Oil Age	hrs	Client Info		<b>0</b>	1200	0
Filter Age	hrs	Client Info		<b>0</b>	1200	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Sample Status				<b>ABNORMAL</b>	SEVERE	SEVERE

### WEAR

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

Iron	ppm	ASTM D5185(m)	>50	<b>2</b>	6	6
Chromium	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	2
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	▲ VLITE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

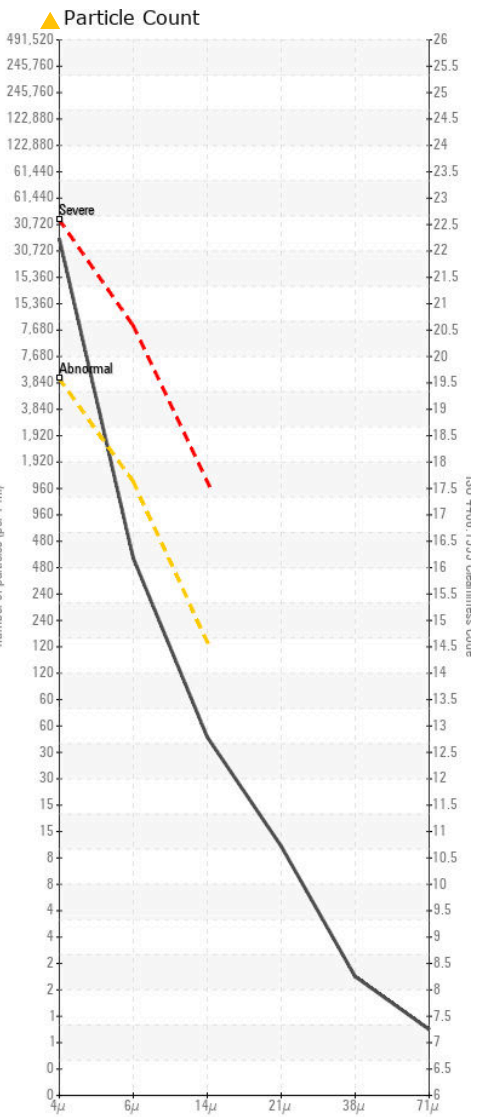
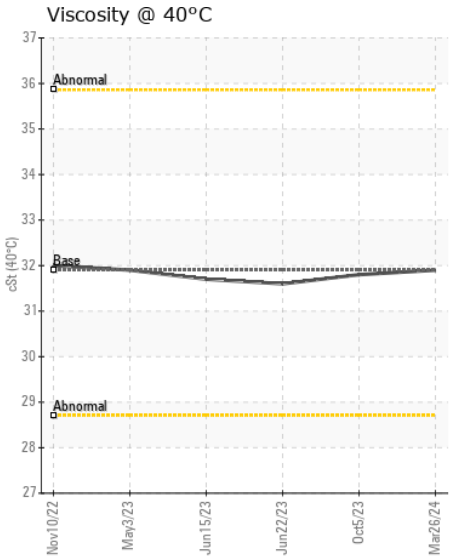
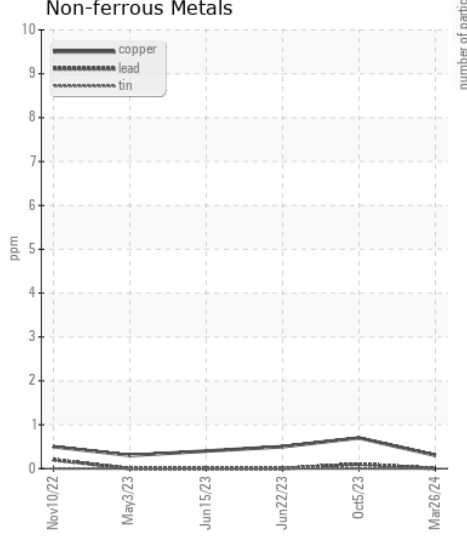
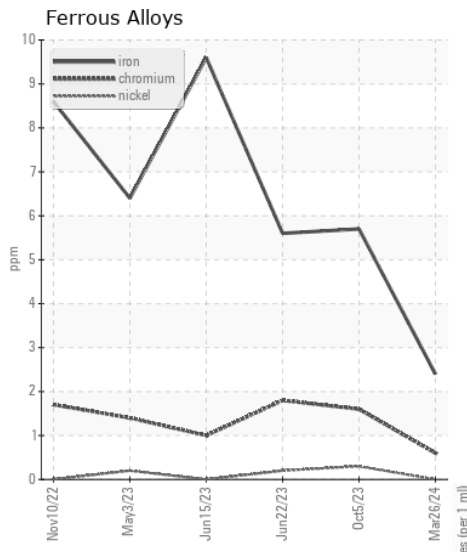
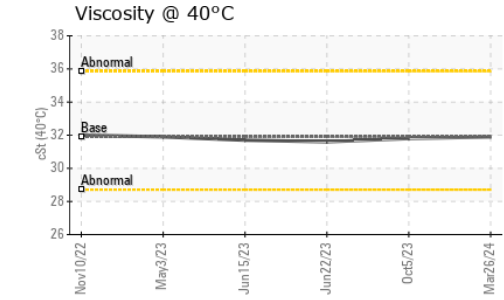
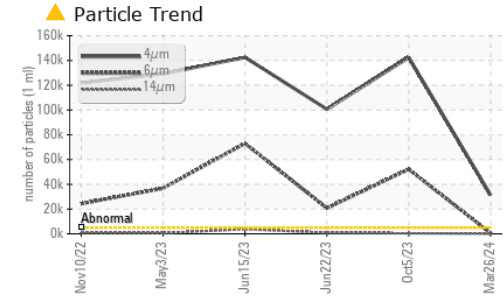
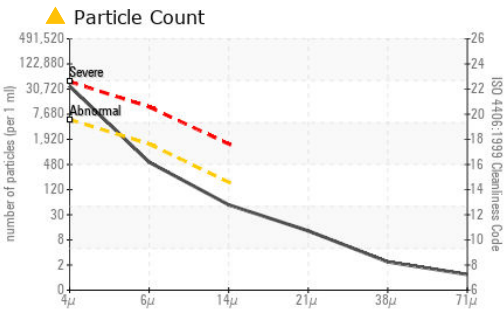
Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile.

Silicon	ppm	ASTM D5185(m)	>15	<b>0</b>	2	2
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ <b>31328</b>	▲ 142437	▲ 100629
Particles >6µm		ASTM D7647	>1300	<b>478</b>	▲ 52187	▲ 20760
Particles >14µm		ASTM D7647	>160	<b>46</b>	▲ 388	▲ 831
Particles >21µm		ASTM D7647	>40	<b>11</b>	▲ 93	▲ 162
Particles >38µm		ASTM D7647	>10	<b>2</b>	11	3
Particles >71µm		ASTM D7647	>3	<b>1</b>	2	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ <b>22/16/13</b>	▲ 24/23/16	▲ 24/22/17
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	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

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<b>1</b>	3	3
Boron	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	<1	0
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)	1	<b>0</b>	0	0
Magnesium	ppm	ASTM D5185(m)	0	<b>2</b>	4	4
Calcium	ppm	ASTM D5185(m)	50	<b>54</b>	60	60
Phosphorus	ppm	ASTM D5185(m)	330	<b>335</b>	328	367
Zinc	ppm	ASTM D5185(m)	430	<b>431</b>	427	423
Sulfur	ppm	ASTM D5185(m)	760	<b>745</b>	771	776
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	<b>31.9</b>	31.8	31.6



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0114853  
**Lab Number** : 02626113  
**Unique Number** : 5759245  
**Test Package** : MOB 1 ( Additional Tests: PrtCount )

**GFL Environmental - 780 - GMA - ICI - Solid Waste**  
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 T: (450)687-3838  
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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.