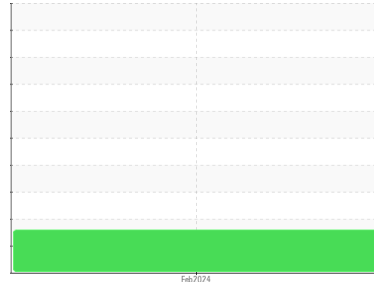




# OIL ANALYSIS REPORT

Sample Rating Trend

ISO



Area  
**CAPLAN**  
Machine Id  
**8322**  
Component  
**Center Right Hydraulic System**  
Fluid  
**PETRO CANADA HYDREX MV 32 (208 LTR)**

## DIAGNOSIS

### Recommendation

Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

### Wear

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

### Contamination

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

### Fluid Condition

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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0091118</b>	---	---
Sample Date	Client Info		<b>09 Feb 2024</b>	---	---
Machine Age	hrs	Client Info	<b>16560</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>ABNORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>40	<b>5</b>	---	---
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>8	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185(m)	1	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	0	<b>10</b>	---	---
Calcium	ppm	ASTM D5185(m)	50	<b>78</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	330	<b>404</b>	---	---
Zinc	ppm	ASTM D5185(m)	430	<b>508</b>	---	---
Sulfur	ppm	ASTM D5185(m)	760	<b>1006</b>	---	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---

## CONTAMINANTS

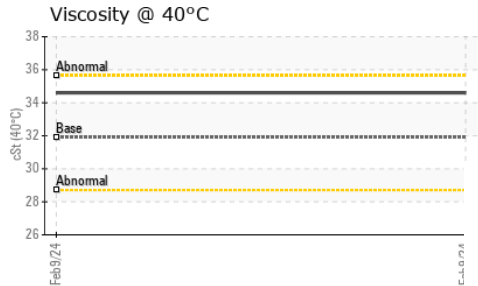
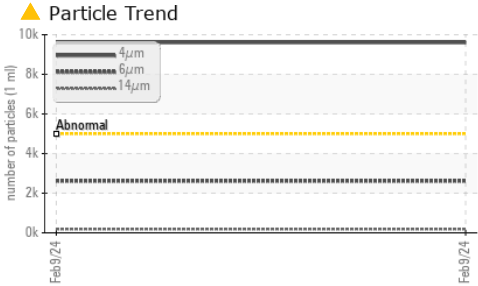
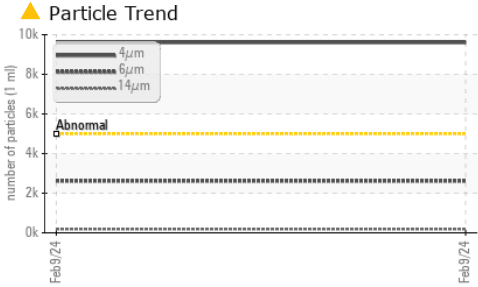
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>1</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---

## FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	<b>▲ 9605</b>	---	---
Particles >6µm	ASTM D7647	>1300	<b>▲ 2622</b>	---	---
Particles >14µm	ASTM D7647	>160	<b>▲ 187</b>	---	---
Particles >21µm	ASTM D7647	>40	<b>44</b>	---	---
Particles >38µm	ASTM D7647	>10	<b>3</b>	---	---
Particles >71µm	ASTM D7647	>3	<b>1</b>	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	<b>▲ 20/19/15</b>	---	---



# OIL ANALYSIS REPORT



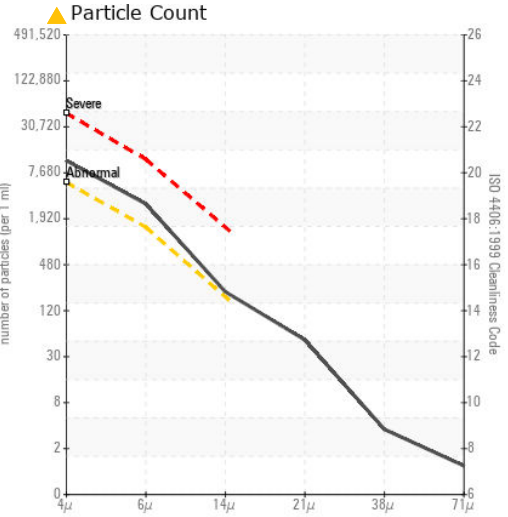
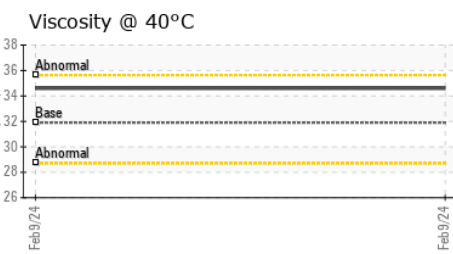
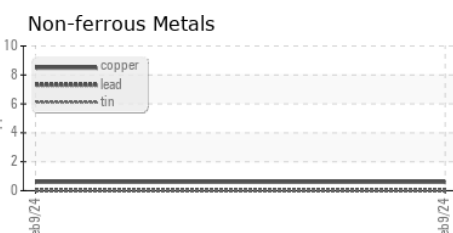
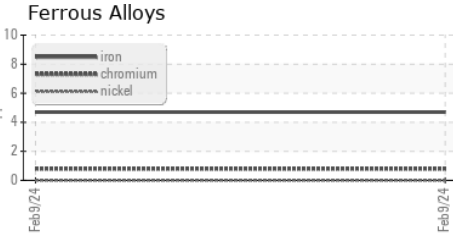
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	<b>34.6</b>	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0091118 **Received** : 14 Feb 2024  
**Lab Number** : 02615689 **Tested** : 15 Feb 2024  
**Unique Number** : 5724784 **Diagnosed** : 15 Feb 2024 - Wes Davis  
**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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