

Area  
**[1ST RINSE]**  
Machine Id  
**GEOTECH**  
Component  
**Hydraulic System**  
Fluid  
**PETRO CANADA ENVIRON MV R 32 (80 LTR)**

**RECOMMENDATION**

Vérifier les scelles et/ou les filtres pour des points d'entrée des contaminants. 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. Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

**WEAR**

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

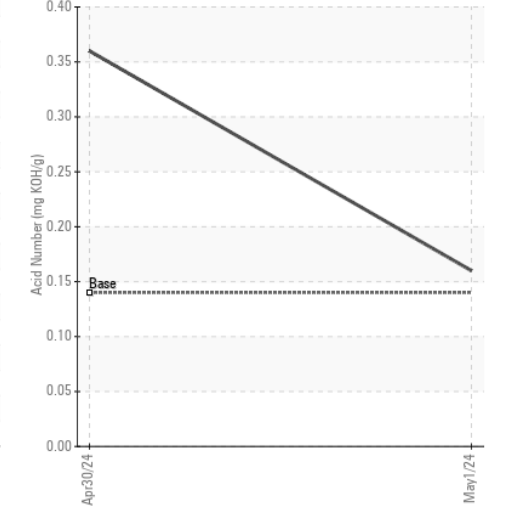
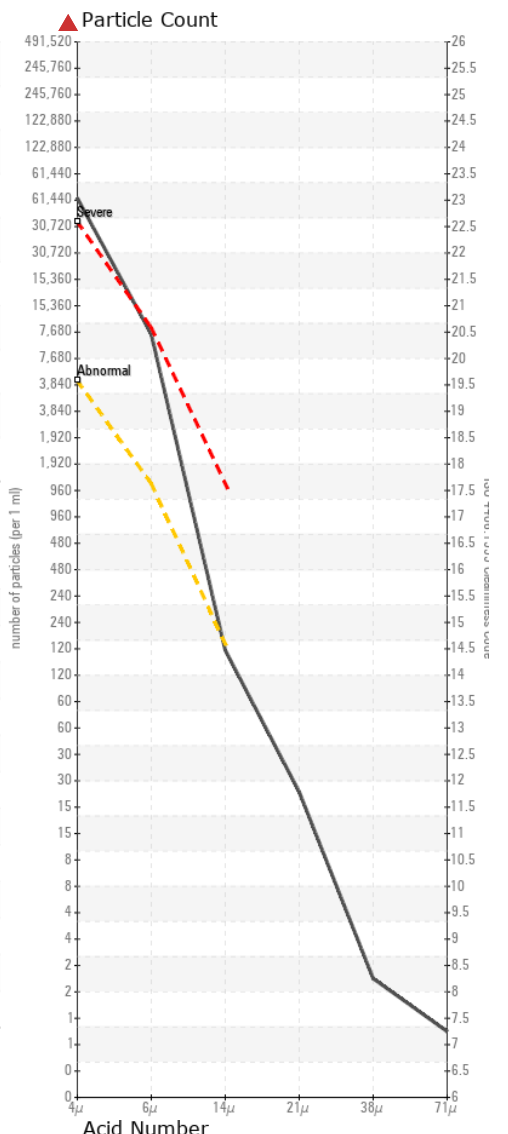
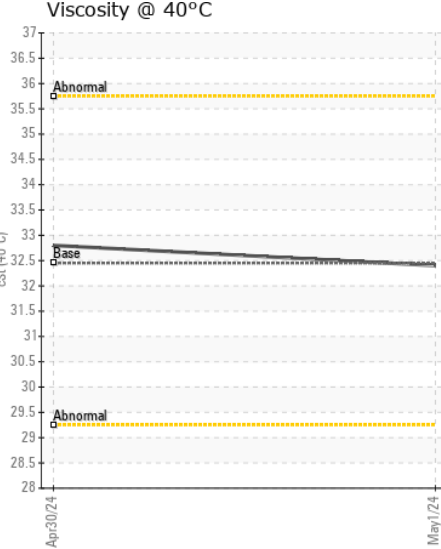
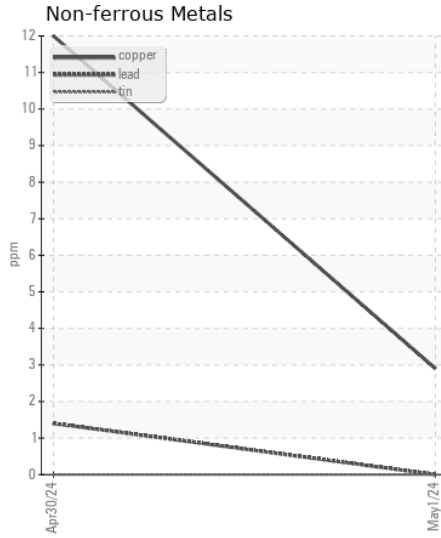
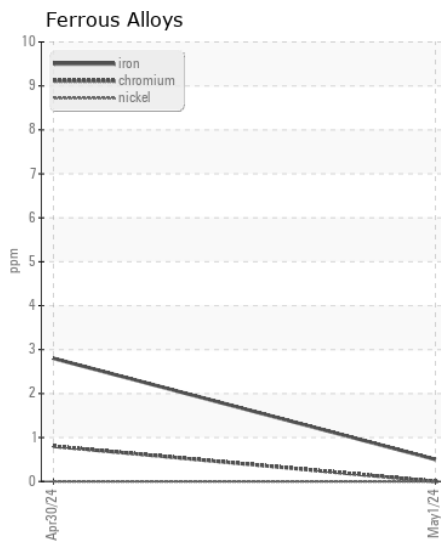
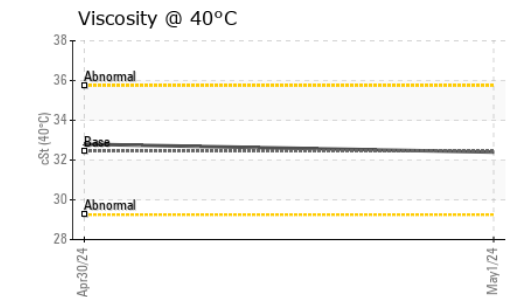
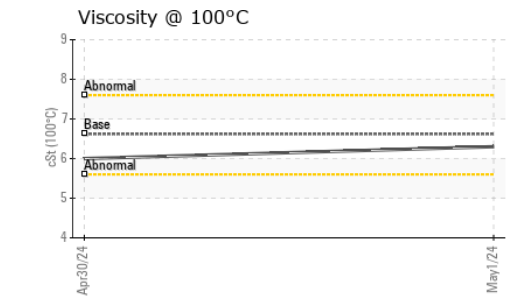
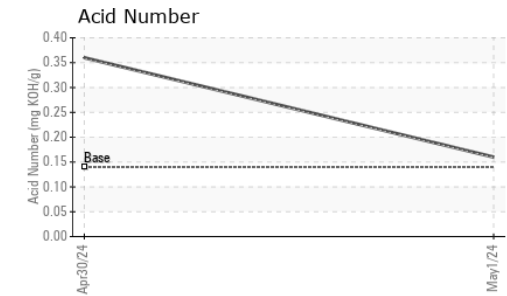
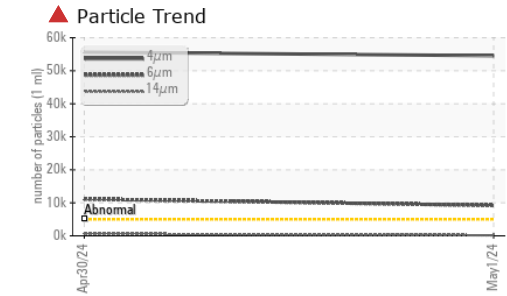
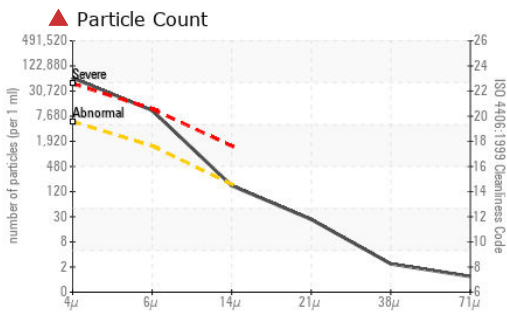
**CONTAMINATION**

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

**FLUID CONDITION**

Le AN est acceptable pour ce fluide. 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>PC0087963</b>	PC0069616	---
Sample Date		Client Info		<b>01 May 2024</b>	30 Apr 2024	---
Machine Age	hrs	Client Info		<b>0</b>	0	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	N/A	---
Filter Changed		Client Info		<b>Changed</b>	N/A	---
Sample Status				<b>SEVERE</b>	SEVERE	---
Iron	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	3	---
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>20	<b>0</b>	0	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	---
Lead	ppm	ASTM D5185(m)	>20	<b>0</b>	1	---
Copper	ppm	ASTM D5185(m)	>20	<b>3</b>	12	---
Tin	ppm	ASTM D5185(m)	>20	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185(m)	>15	<b>0</b>	1	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Water		WC Method	>0.05	<b>NEG</b>	NEG	---
Particles >4µm		ASTM D7647	>5000	<b>▲ 54550</b>	▲ 55623	---
Particles >6µm		ASTM D7647	>1300	<b>▲ 9184</b>	▲ 11123	---
Particles >14µm		ASTM D7647	>160	<b>147</b>	▲ 627	---
Particles >21µm		ASTM D7647	>40	<b>23</b>	▲ 128	---
Particles >38µm		ASTM D7647	>10	<b>2</b>	3	---
Particles >71µm		ASTM D7647	>3	<b>1</b>	1	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>▲ 23/20/14</b>	▲ 23/21/16	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	Visual*	NORML	<b>HAZY</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	Visual*	>0.05	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Boron	ppm	ASTM D5185(m)	<1	<b>&lt;1</b>	<1	---
Barium	ppm	ASTM D5185(m)	<1	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	<1	<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)	<1	<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	<1	<b>&lt;1</b>	2	---
Calcium	ppm	ASTM D5185(m)		<b>27</b>	103	---
Phosphorus	ppm	ASTM D5185(m)	628	<b>527</b>	382	---
Zinc	ppm	ASTM D5185(m)		<b>88</b>	325	---
Sulfur	ppm	ASTM D5185(m)	1235	<b>1222</b>	1126	---
Acid Number (AN)	mg KOH/g	ASTM D974*	0.14	<b>0.16</b>	0.36	---
Visc @ 40°C	cSt	ASTM D7279(m)	32.45	<b>32.4</b>	32.8	---
Visc @ 100°C	cSt	ASTM D7279(m)	6.62	<b>6.3</b>	6.0	---
Viscosity Index (VI)	Scale	ASTM D2270*	165	<b>148</b>	130	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0087963 **Received** : 14 May 2024  
**Lab Number** : 02635282 **Tested** : 15 May 2024  
**Unique Number** : 5776435 **Diagnosed** : 15 May 2024 - Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KV100, VI )

**HUILES DESROCHES INC.**  
 915 RUE PHILIPPE-PARADIS, LOCAL 115  
 QUEBEC, QC  
 CA G1N 4E3  
 Contact: David Labrecque  
 david.labrecque@groupe-desroches.ca  
 T: (418)621-5150  
 F: (418)621-0822

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.