

Area  
**[3RD RINSE]**  
Machine Id  
**GEOTECH**  
Component  
**Hydraulic System**  
Fluid  
**PETRO CANADA ENVIRON MV R 32 (80 LTR)**

**RECOMMENDATION**

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0087972</b>	PC0087962	PC0087963
Sample Date		Client Info		<b>03 May 2024</b>	02 May 2024	01 May 2024
Machine Age	hrs	Client Info		<b>0</b>	0	0
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	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	Changed
Sample Status				<b>NORMAL</b>	ATTENTION	SEVERE

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Lead	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Copper	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	3
Tin	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
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

**CONTAMINATION**

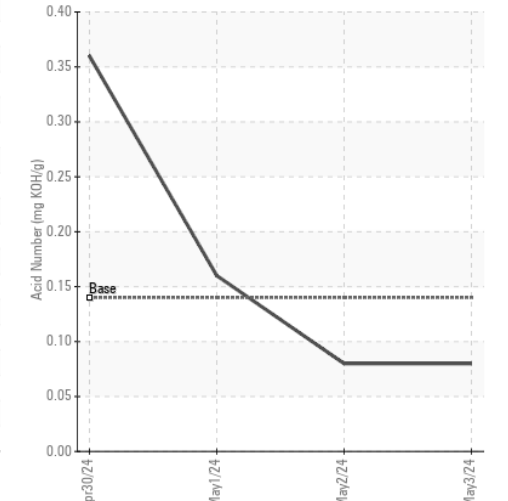
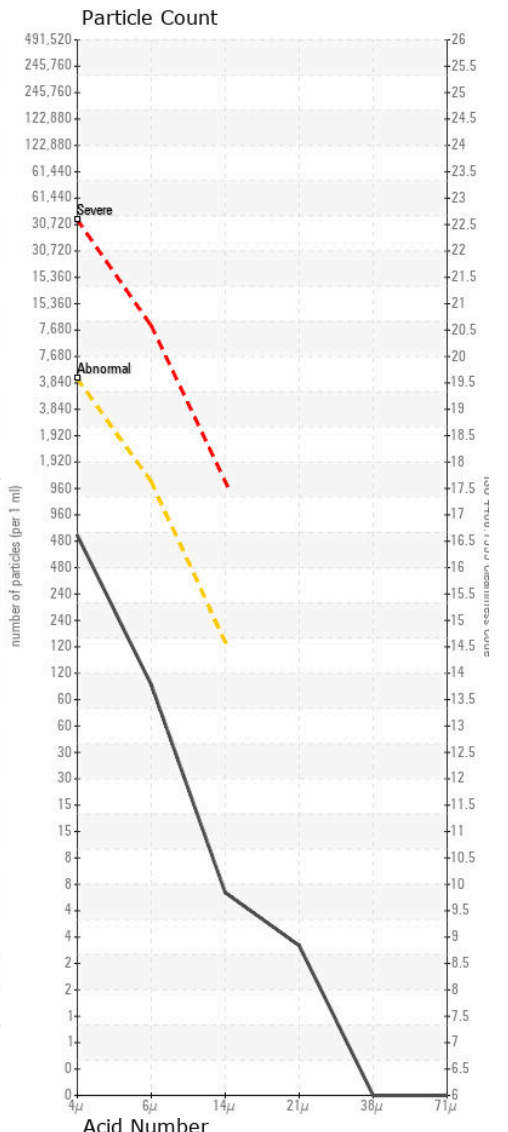
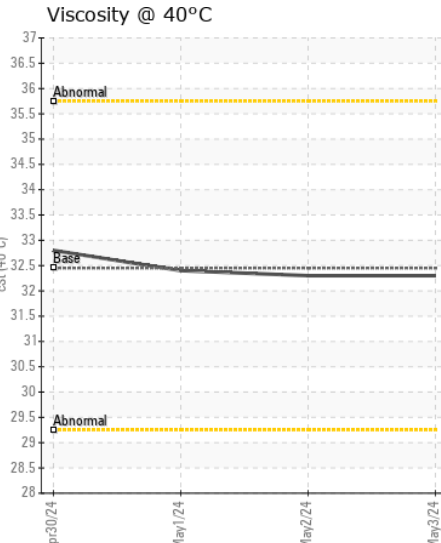
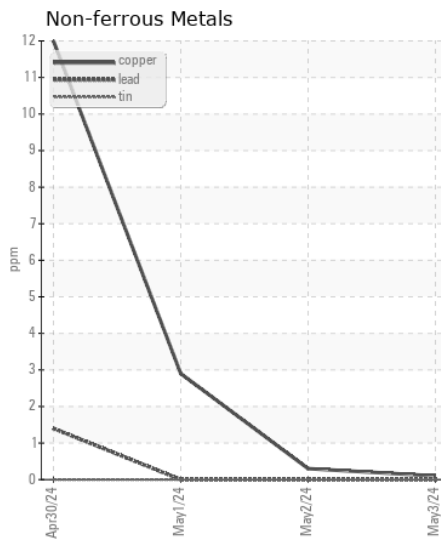
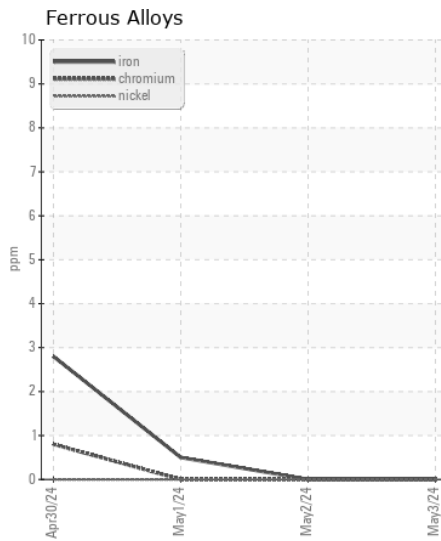
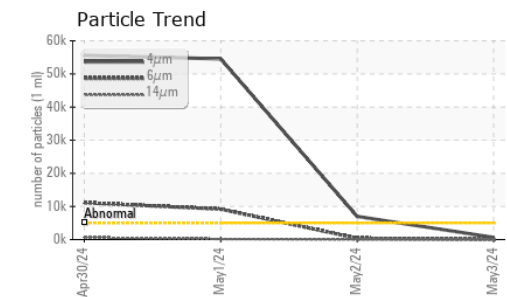
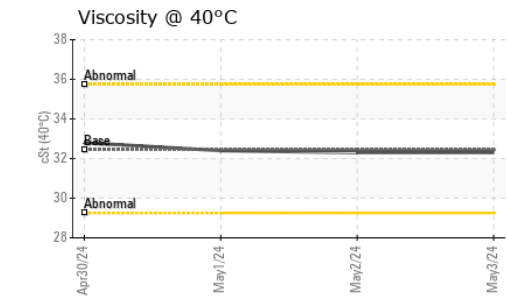
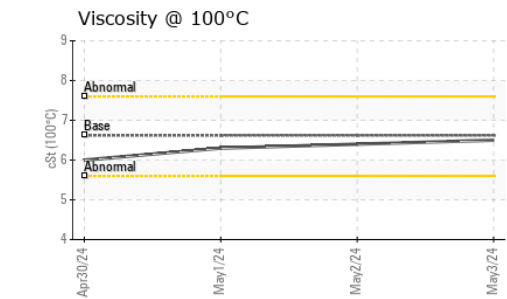
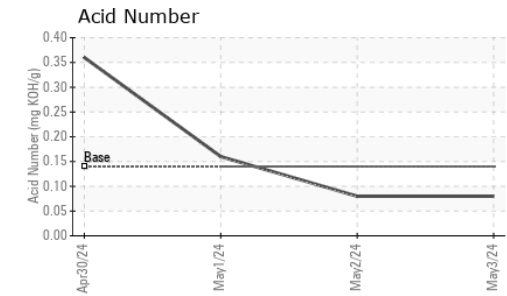
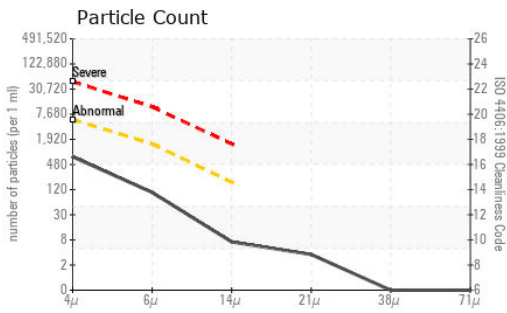
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable.

Silicon	ppm	ASTM D5185(m)	>15	<b>0</b>	0	0
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Water		WC Method	>0.05	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>5000	<b>644</b>	6985	54550
Particles >6µm		ASTM D7647	>1300	<b>91</b>	387	9184
Particles >14µm		ASTM D7647	>160	<b>6</b>	17	147
Particles >21µm		ASTM D7647	>40	<b>3</b>	4	23
Particles >38µm		ASTM D7647	>10	<b>0</b>	1	2
Particles >71µm		ASTM D7647	>3	<b>0</b>	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>17/14/10</b>	20/16/11	23/20/14
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>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	HAZY
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.05	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

Le AN est acceptable pour ce fluide. L'état de l'huile permet de prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Boron	ppm	ASTM D5185(m)	<1	<b>0</b>	0	<1
Barium	ppm	ASTM D5185(m)	<1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)	<1	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)	<1	<b>0</b>	0	0
Magnesium	ppm	ASTM D5185(m)	<1	<b>0</b>	<1	<1
Calcium	ppm	ASTM D5185(m)		<b>1</b>	3	27
Phosphorus	ppm	ASTM D5185(m)	628	<b>589</b>	596	527
Zinc	ppm	ASTM D5185(m)		<b>6</b>	13	88
Sulfur	ppm	ASTM D5185(m)	1235	<b>1271</b>	1282	1222
Acid Number (AN)	mg KOH/g	ASTM D974*	0.14	<b>0.08</b>	0.08	0.16
Visc @ 40°C	cSt	ASTM D7279(m)	32.45	<b>32.3</b>	32.3	32.4
Visc @ 100°C	cSt	ASTM D7279(m)	6.62	<b>6.5</b>	6.4	6.3
Viscosity Index (VI)	Scale	ASTM D2270*	165	<b>160</b>	154	148



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0087972 **Received** : 14 May 2024  
**Lab Number** : 02635283 **Tested** : 15 May 2024  
**Unique Number** : 5776436 **Diagnosed** : 15 May 2024 - Wes Davis  
**Test Package** : IND 2 ( Additional Tests: KV100, VI )

**HUILES DESROCHES INC.**  
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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.