



Machine Id
JLG LOB222
Component
Hydraulic System
Fluid
PETRO CANADA ENVIRON MV R 46 (--- GAL)

RECOMMENDATION

Nous avons pris note que l'huile a été vidangée et le filtre remplacé au moment de l'échantillonnage. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. 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		PC0063626	---	---
Sample Date		Client Info		12 Apr 2024	---	---
Machine Age	hrs	Client Info		5818	---	---
Oil Age	hrs	Client Info		1	---	---
Filter Age	hrs	Client Info		1	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>20	2	---	---
Chromium	ppm	ASTM D5185(m)	>10	0	---	---
Nickel	ppm	ASTM D5185(m)	>10	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<1	---	---
Lead	ppm	ASTM D5185(m)	>10	0	---	---
Copper	ppm	ASTM D5185(m)	>75	1	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

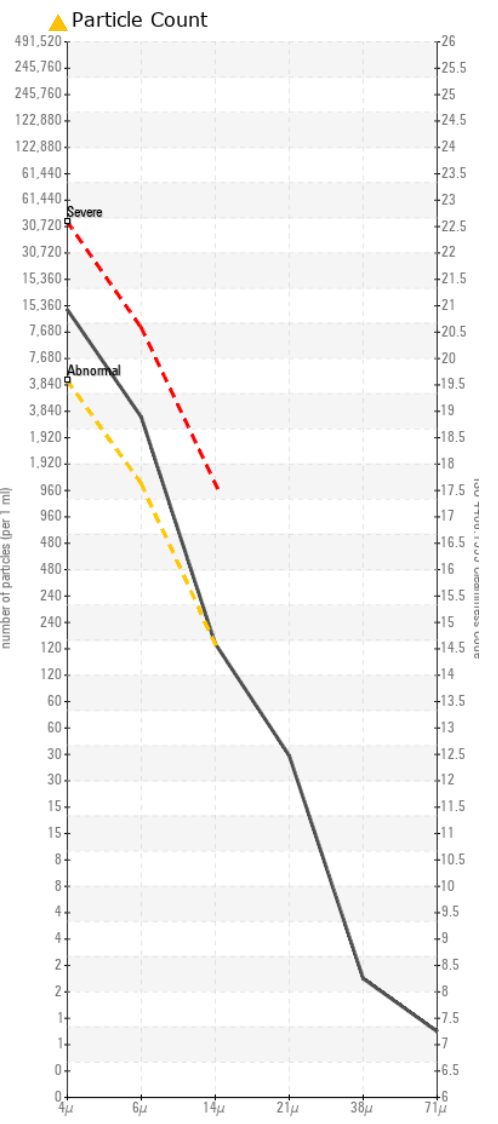
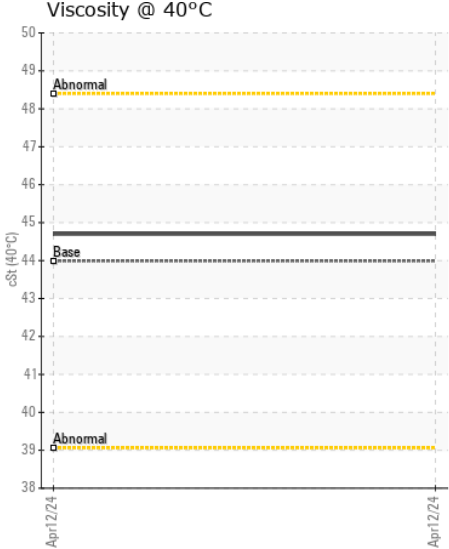
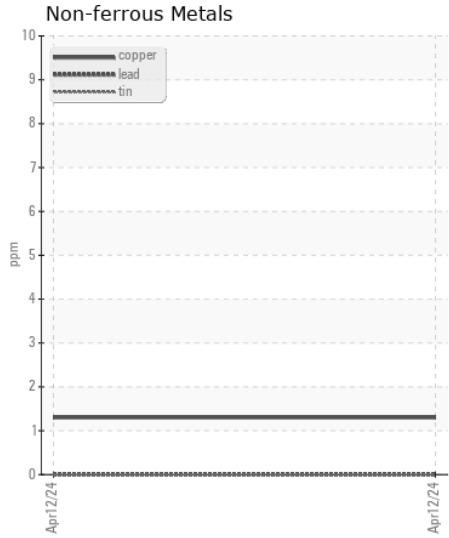
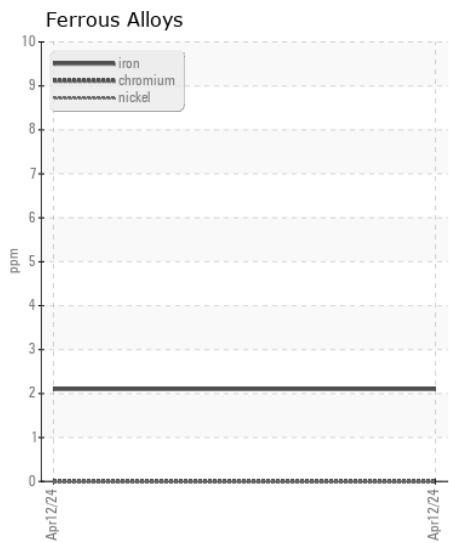
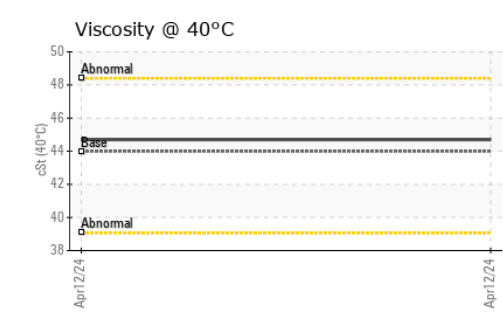
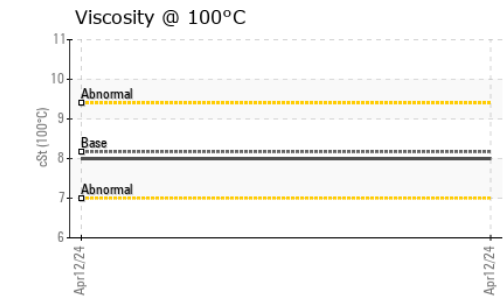
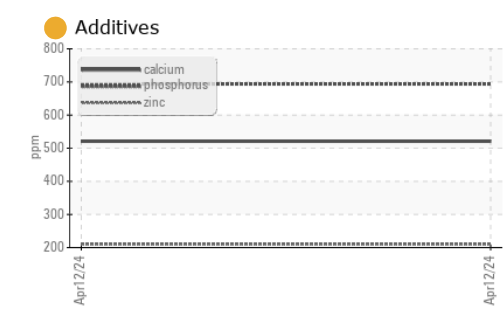
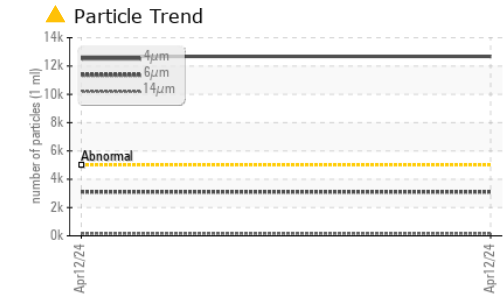
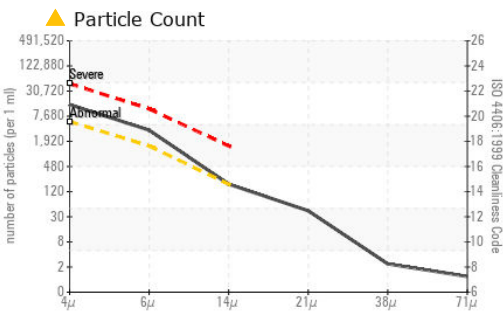
Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	1	---	---
Potassium	ppm	ASTM D5185(m)	>20	0	---	---
Water		WC Method	>0.1	NEG	---	---
Particles >4µm		ASTM D7647	>5000	▲ 12678	---	---
Particles >6µm		ASTM D7647	>1300	▲ 3105	---	---
Particles >14µm		ASTM D7647	>160	160	---	---
Particles >21µm		ASTM D7647	>40	37	---	---
Particles >38µm		ASTM D7647	>10	2	---	---
Particles >71µm		ASTM D7647	>3	1	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 21/19/14	---	---
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	---	---

FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

Sodium	ppm	ASTM D5185(m)		<1	---	---
Boron	ppm	ASTM D5185(m)	<1	15	---	---
Barium	ppm	ASTM D5185(m)	<1	0	---	---
Molybdenum	ppm	ASTM D5185(m)	<1	0	---	---
Manganese	ppm	ASTM D5185(m)	<1	0	---	---
Magnesium	ppm	ASTM D5185(m)	<1	6	---	---
Calcium	ppm	ASTM D5185(m)		● 521	---	---
Phosphorus	ppm	ASTM D5185(m)	626	694	---	---
Zinc	ppm	ASTM D5185(m)		● 210	---	---
Sulfur	ppm	ASTM D5185(m)	1236	● 2051	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	43.99	44.7	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	8.17	8.0	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	162	152	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0063626 **Received** : 23 Apr 2024
Lab Number : 02630975 **Tested** : 23 Apr 2024
Unique Number : 5772128 **Diagnosed** : 24 Apr 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: KV100, VI)

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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.