



WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL

Machine Id
711028
Component
Hydraulic System
Fluid
PETRO CANADA HYDREX MV 32 (--- GAL)

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 dessiccant. 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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

WEAR

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

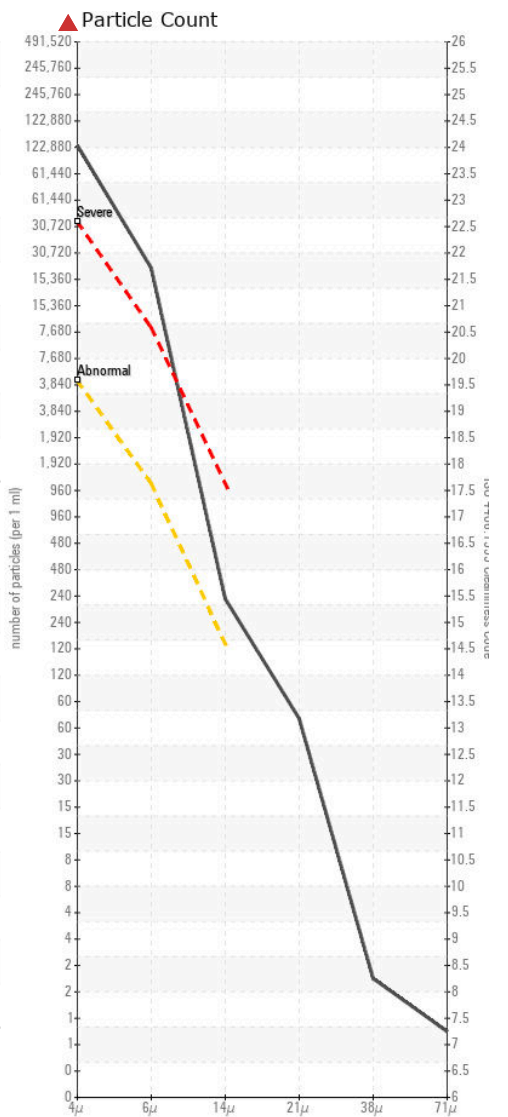
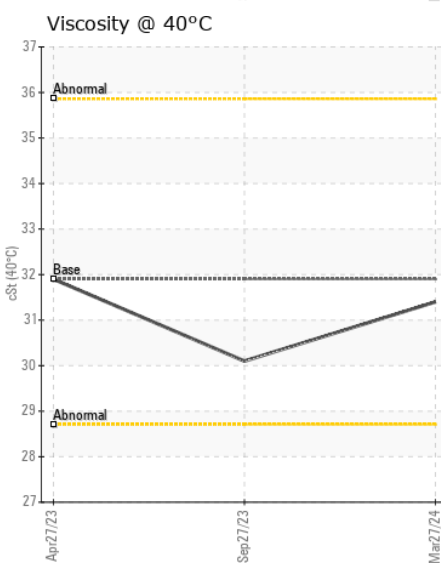
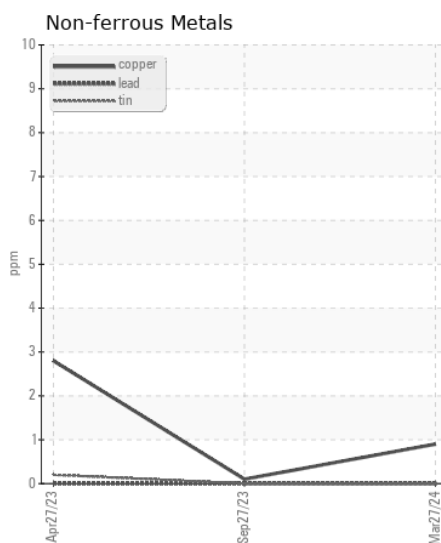
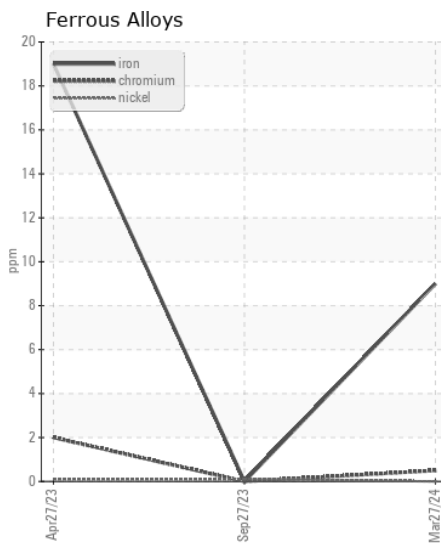
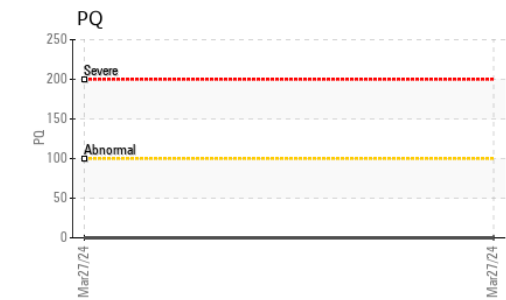
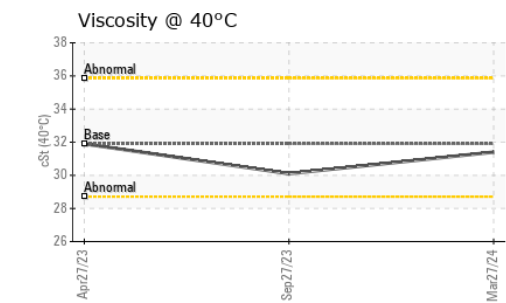
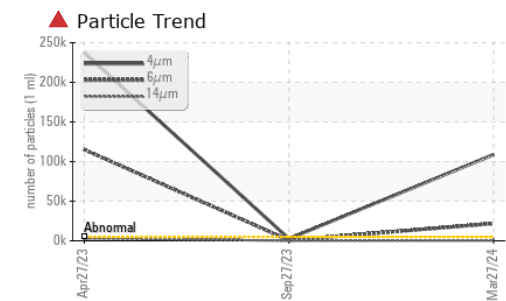
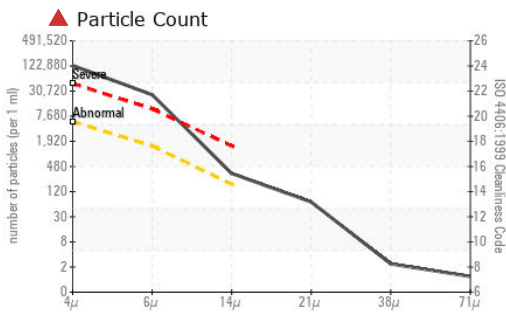
CONTAMINATION

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

FLUID CONDITION

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		GFL0107620	GFL0088862	GFL0073393
Sample Date		Client Info		27 Mar 2024	27 Sep 2023	27 Apr 2023
Machine Age	kms	Client Info		114522	0	3956
Oil Age	kms	Client Info		0	0	1200
Filter Age	kms	Client Info		0	1200	1200
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				SEVERE	NORMAL	SEVERE
PQ		ASTM D8184*		0	---	---
Iron	ppm	ASTM D5185(m)	>20	9	0	19
Chromium	ppm	ASTM D5185(m)	>10	<1	0	2
Nickel	ppm	ASTM D5185(m)	>10	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>10	1	0	4
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Copper	ppm	ASTM D5185(m)	>75	<1	<1	3
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	3	0	12
Potassium	ppm	ASTM D5185(m)	>20	1	0	3
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 108839	2587	▲ 237408
Particles >6µm		ASTM D7647	>1300	▲ 21812	739	▲ 115057
Particles >14µm		ASTM D7647	>160	● 288	61	▲ 3078
Particles >21µm		ASTM D7647	>40	● 60	16	▲ 584
Particles >38µm		ASTM D7647	>10	2	1	14
Particles >71µm		ASTM D7647	>3	1	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 24/22/15	19/17/13	▲ 25/24/19
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	VLITE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		10	3	29
Boron	ppm	ASTM D5185(m)	0	0	1	<1
Barium	ppm	ASTM D5185(m)	0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)	1	0	0	<1
Magnesium	ppm	ASTM D5185(m)	0	12	101	4
Calcium	ppm	ASTM D5185(m)	50	65	81	70
Phosphorus	ppm	ASTM D5185(m)	330	333	287	350
Zinc	ppm	ASTM D5185(m)	430	421	377	402
Sulfur	ppm	ASTM D5185(m)	760	774	684	852
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	31.4	30.1	31.9



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107620
Lab Number : 02627719
Unique Number : 5760851
Test Package : MOB 1 (Additional Tests: FILTERPATCH, PQ, PrtCount)

GFL Environmental - 747 - GMA - Solid Waste
 4 Chemin du Tremblay,
 Boucherville, QC
 CA J4B 6Z5
 Contact: Steve Voyer
 svoyer@matrec.ca

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.