



WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL



Machine Id
7239
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 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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0114921	GFL0097057	GFL0073463
Sample Date		Client Info		01 Apr 2024	09 Oct 2023	21 Apr 2023
Machine Age	hrs	Client Info		2573	22124	1664
Oil Age	hrs	Client Info		1200	1200	1200
Filter Age	hrs	Client Info		1200	1200	1200
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				SEVERE	SEVERE	SEVERE

WEAR

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

Iron	ppm	ASTM D5185(m)	>40	12	10	15
Chromium	ppm	ASTM D5185(m)	>5	2	2	3
Nickel	ppm	ASTM D5185(m)	>2	0	0	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>8	<1	<1	1
Lead	ppm	ASTM D5185(m)	>5	0	0	<1
Copper	ppm	ASTM D5185(m)	>20	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>2	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

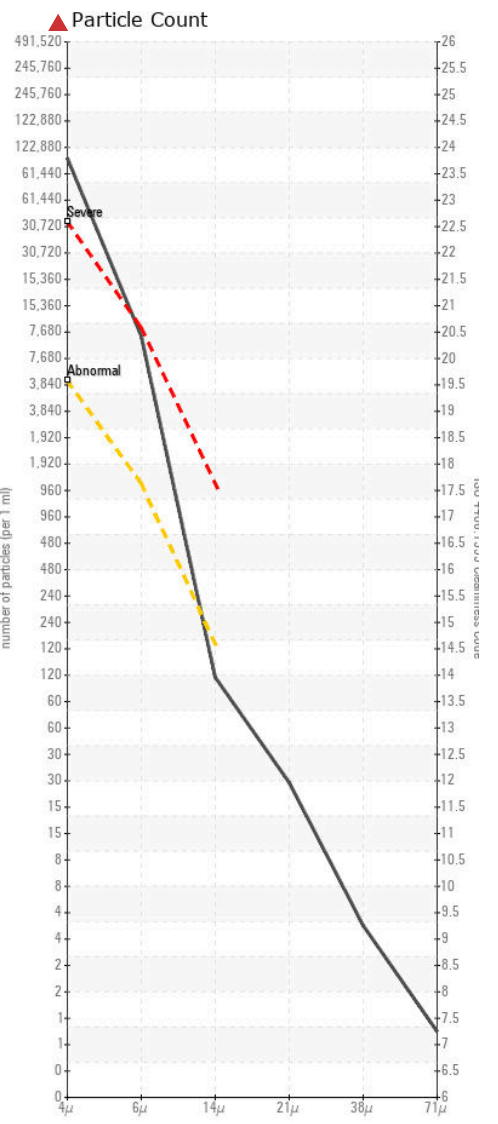
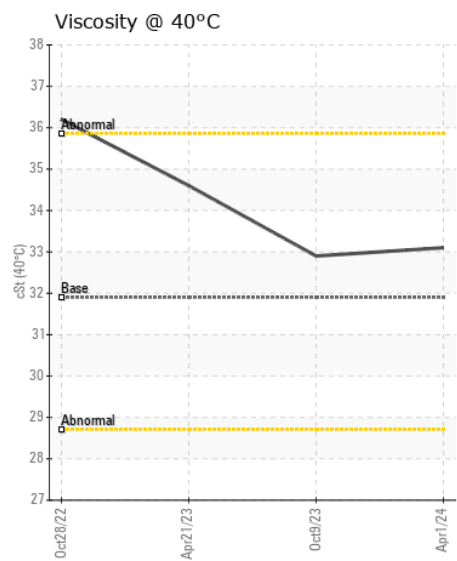
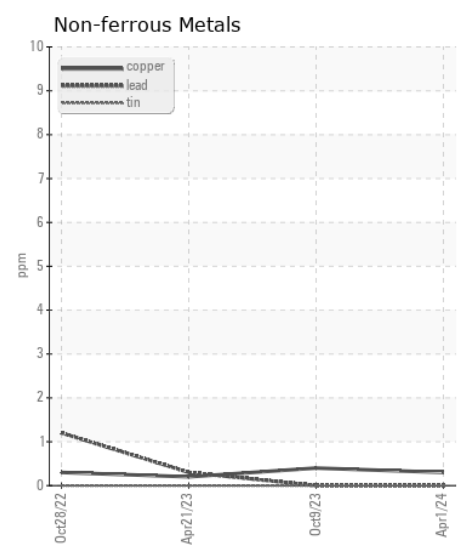
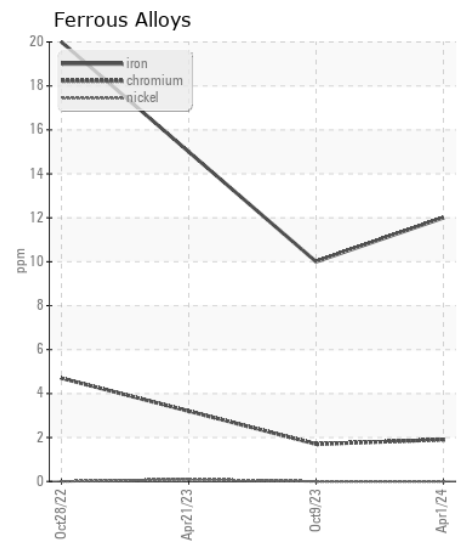
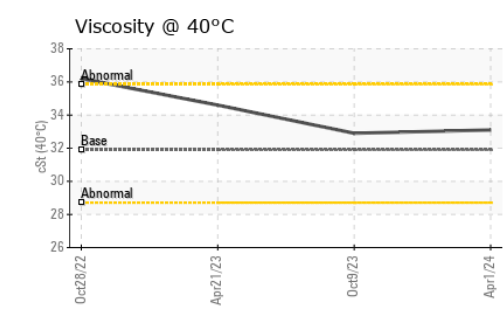
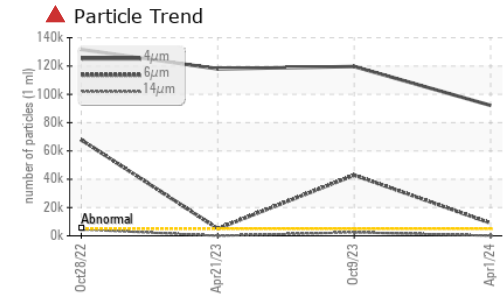
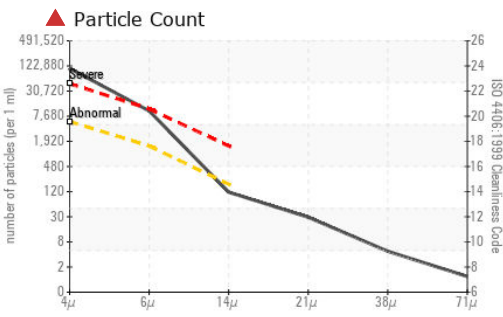
Il y a une grande quantité de limon (particules de 4 à 14 microns) dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	<1	3	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 92137	▲ 119660	▲ 117987
Particles >6µm		ASTM D7647	>1300	▲ 8959	▲ 42905	▲ 5100
Particles >14µm		ASTM D7647	>160	103	▲ 2446	23
Particles >21µm		ASTM D7647	>40	26	▲ 399	4
Particles >38µm		ASTM D7647	>10	4	11	0
Particles >71µm		ASTM D7647	>3	1	1	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 24/20/14	▲ 24/23/18	▲ 24/20/12
Silt	scalar	Visual*	NONE	NONE	VLITE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		2	2	3
Boron	ppm	ASTM D5185(m)	0	<1	<1	<1
Barium	ppm	ASTM D5185(m)	0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	0	2	3	7
Manganese	ppm	ASTM D5185(m)	1	0	0	<1
Magnesium	ppm	ASTM D5185(m)	0	57	58	115
Calcium	ppm	ASTM D5185(m)	50	114	115	183
Phosphorus	ppm	ASTM D5185(m)	330	368	378	448
Zinc	ppm	ASTM D5185(m)	430	462	477	502
Sulfur	ppm	ASTM D5185(m)	760	858	863	1001
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	33.1	32.9	34.6



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114921
Lab Number : 02627717
Unique Number : 5760849
Test Package : MOB 1 (Additional Tests: PrtCount)
Received : 09 Apr 2024
Tested : 10 Apr 2024
Diagnosed : 10 Apr 2024 - Wes Davis

GFL Environmental - 780 - GMA - ICI - Solid Waste
 4365 boul. St-Elzear Ouest,
 Laval, QC
 CA H7P 4J3
 Contact: Pieces Laval
 pieces.laval@gflenv.com
 T: (450)687-3838
 F:

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.