



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 recommandons le remplacement des filtres de ce composant. 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		GFL0114795	GFL0114921	GFL0097057
Sample Date		Client Info		12 Apr 2024	01 Apr 2024	09 Oct 2023
Machine Age	hrs	Client Info		2611	2573	22124
Oil Age	hrs	Client Info		0	1200	1200
Filter Age	hrs	Client Info		0	1200	1200
Oil Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Filter Changed		Client Info		Not Chngd	Changed	Changed
Sample Status				SEVERE	SEVERE	SEVERE

WEAR

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

Iron	ppm	ASTM D5185(m)	>40	11	12	10
Chromium	ppm	ASTM D5185(m)	>5	2	2	2
Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>8	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>5	0	0	0
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

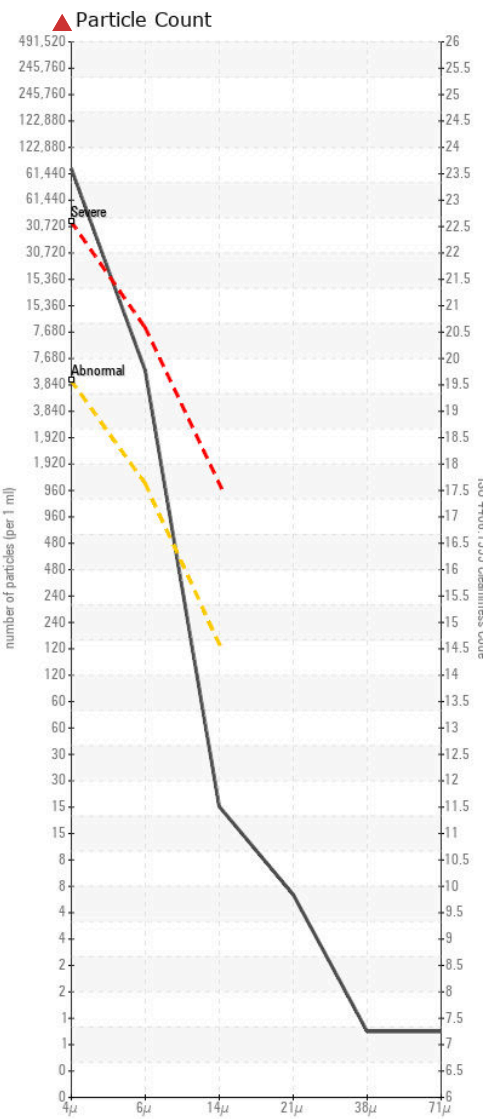
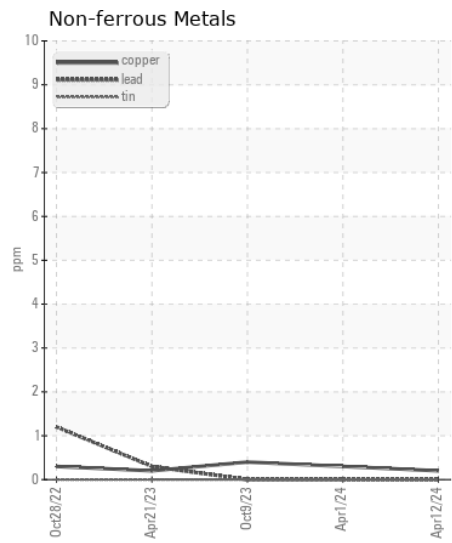
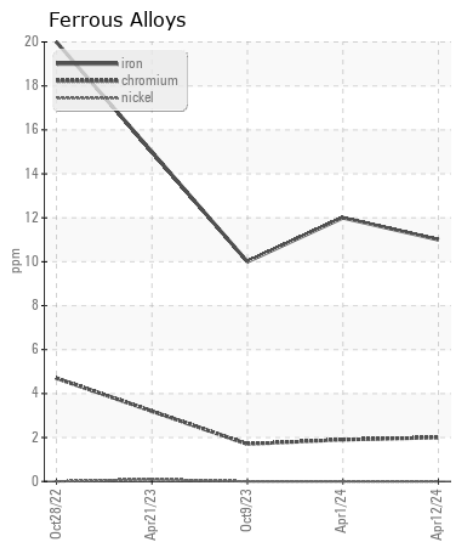
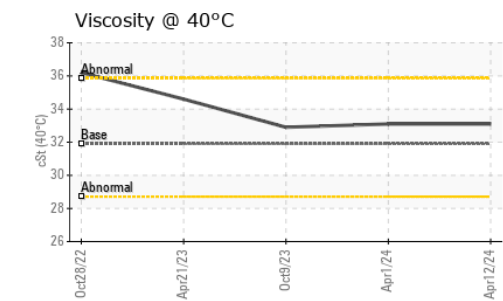
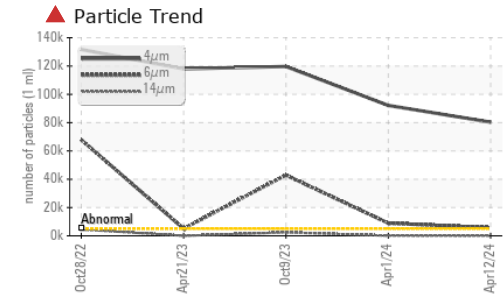
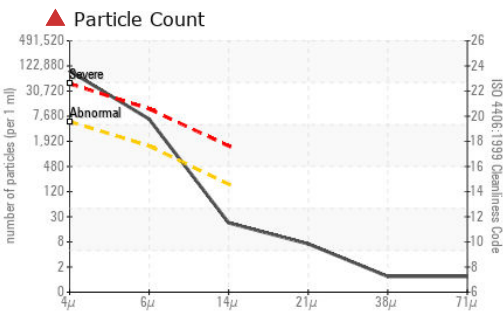
Il y a une grande quantité de limon (particules de 4 à 14 microns) dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	<1	<1	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 80299	▲ 92137	▲ 119660
Particles >6µm		ASTM D7647	>1300	▲ 5703	▲ 8959	▲ 42905
Particles >14µm		ASTM D7647	>160	19	103	▲ 2446
Particles >21µm		ASTM D7647	>40	6	26	▲ 399
Particles >38µm		ASTM D7647	>10	1	4	11
Particles >71µm		ASTM D7647	>3	1	1	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 24/20/11	▲ 24/20/14	▲ 24/23/18
Silt	scalar	Visual*	NONE	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	VLITE	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	2
Boron	ppm	ASTM D5185(m)	0	<1	<1	<1
Barium	ppm	ASTM D5185(m)	0	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	0	2	2	3
Manganese	ppm	ASTM D5185(m)	1	0	0	0
Magnesium	ppm	ASTM D5185(m)	0	57	57	58
Calcium	ppm	ASTM D5185(m)	50	112	114	115
Phosphorus	ppm	ASTM D5185(m)	330	362	368	378
Zinc	ppm	ASTM D5185(m)	430	464	462	477
Sulfur	ppm	ASTM D5185(m)	760	833	858	863
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	33.1	33.1	32.9



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114795
Lab Number : 02629956
Unique Number : 5763088
Test Package : MOB 1 (Additional Tests: PrtCount)
Received : 18 Apr 2024
Tested : 18 Apr 2024
Diagnosed : 18 Apr 2024 - Wes Davis

GFL Environmental - 780 - GMA - ICI - Solid Waste
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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.