



Machine Id
911024
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		GFL0088906	GFL0061829	GFL0043154
Sample Date		Client Info		12 Sep 2023	04 Nov 2022	25 May 2022
Machine Age	hrs	Client Info		6995	0	0
Oil Age	hrs	Client Info		1200	4837	0
Filter Age	hrs	Client Info		1200	4837	1200
Oil Changed		Client Info		Not Chngd	Changed	Not Chngd
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				SEVERE	SEVERE	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>50	16	33	22
Chromium	ppm	ASTM D5185(m)	>10	<1	2	1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	<1	0
Silver	ppm	ASTM D5185(m)		<1	0	0
Aluminum	ppm	ASTM D5185(m)	>5	<1	2	1
Lead	ppm	ASTM D5185(m)	>4	<1	0	0
Copper	ppm	ASTM D5185(m)	>15	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>4	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

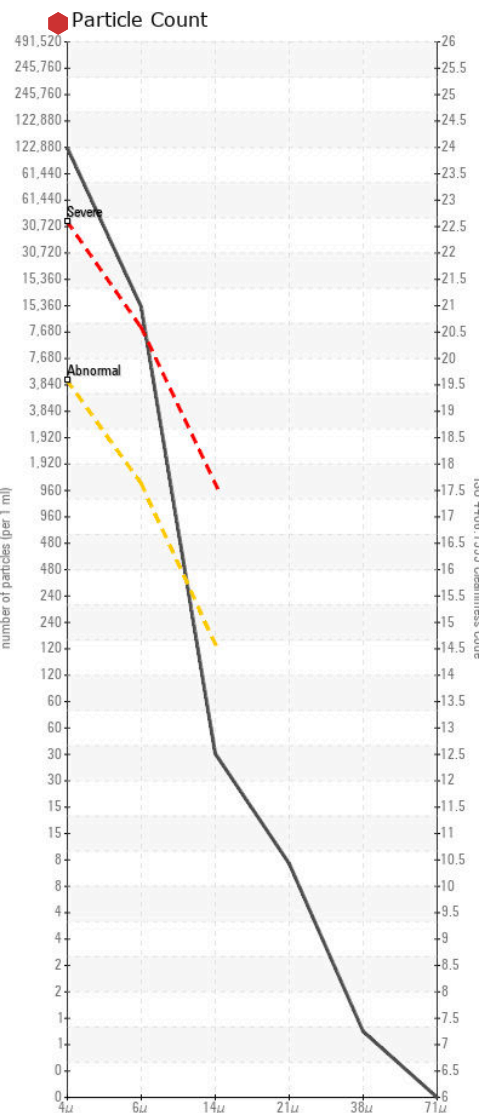
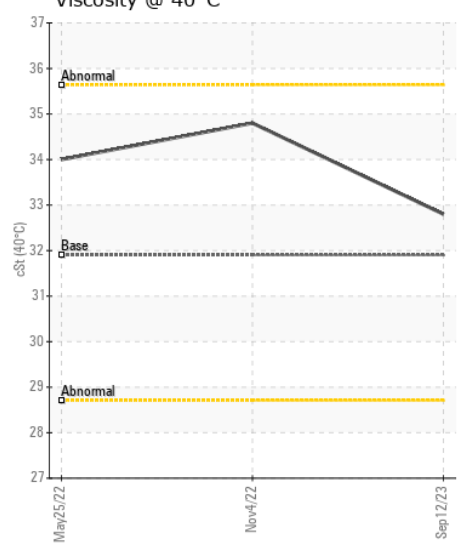
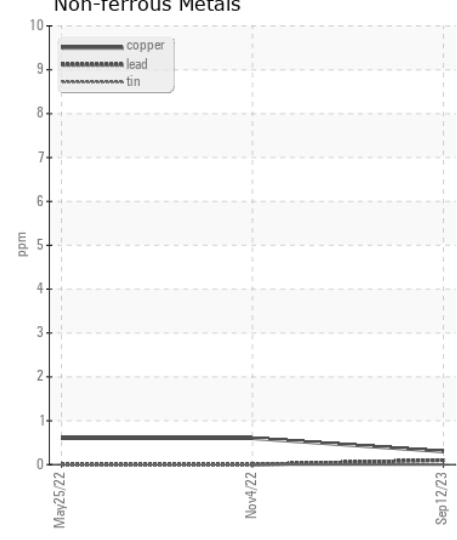
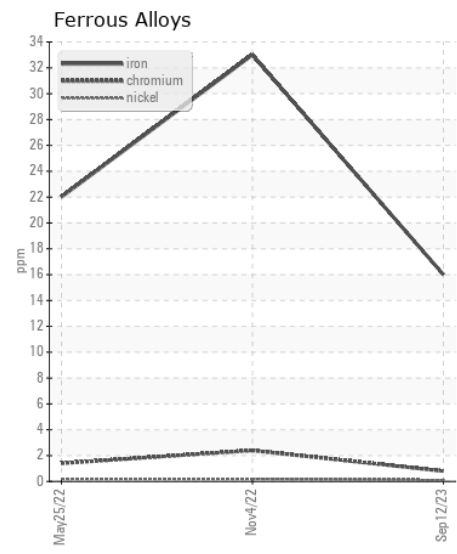
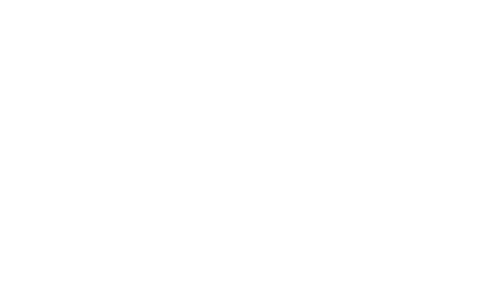
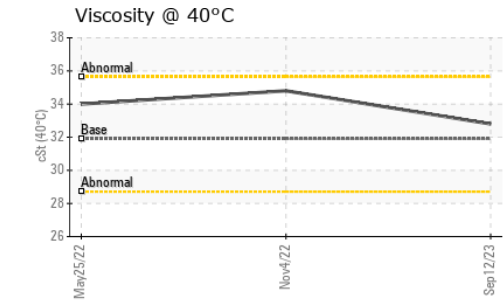
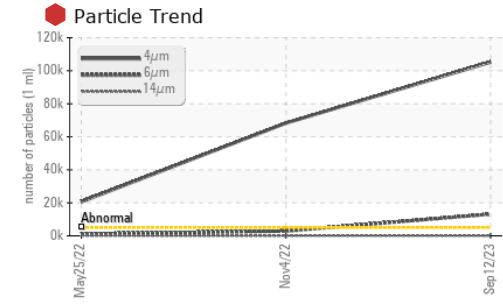
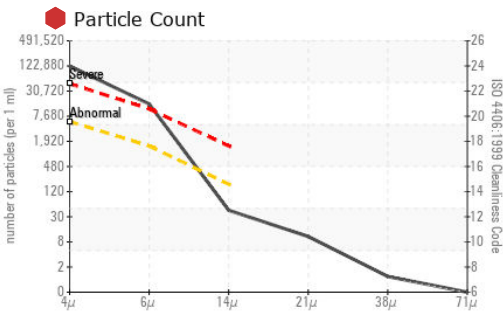
Il y a une grande quantité de limon (particules de 4 à 14 microns) dans l'huile.

Silicon	ppm	ASTM D5185(m)	>15	3	7	3
Potassium	ppm	ASTM D5185(m)	>20	1	3	2
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	105253	68300	20573
Particles >6µm		ASTM D7647	>1300	13119	2873	1133
Particles >14µm		ASTM D7647	>160	38	58	72
Particles >21µm		ASTM D7647	>40	9	13	17
Particles >38µm		ASTM D7647	>10	1	1	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	24/21/12	23/19/13	22/17/13
Silt	scalar	Visual*	NONE	NONE	NONE	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)		6	17	13
Boron	ppm	ASTM D5185(m)	0	<1	<1	<1
Barium	ppm	ASTM D5185(m)	0	<1	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	<1
Manganese	ppm	ASTM D5185(m)	1	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	8	10	10
Calcium	ppm	ASTM D5185(m)	50	73	75	72
Phosphorus	ppm	ASTM D5185(m)	330	392	365	358
Zinc	ppm	ASTM D5185(m)	430	510	426	451
Sulfur	ppm	ASTM D5185(m)	760	921	851	858
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	32.8	34.8	34.0



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0088906
Lab Number : 02592975
Unique Number : 5670054
Test Package : MOB 1 (Additional Tests: PrtCount)
Received : 31 Oct 2023
Tested : 01 Nov 2023
Diagnosed : 01 Nov 2023 - Wes Davis

GFL Environmental - 780 - GMA - ICI - Solid Waste
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 T: (450)687-3838
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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.