



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Machine Id
#813091
 Component
Center Left Hydraulic System
 Fluid
PETRO CANADA HYDREX MV 32 (250 LTR)

RECOMMENDATION

Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. (Customer Sample Comment: Top Up Amount: 20 LTR)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0113519	GFL0091122	GFL0079101
Sample Date		Client Info		28 May 2024	13 Dec 2023	03 Jul 2023
Machine Age	hrs	Client Info		3757	2821	1703
Oil Age	hrs	Client Info		3757	2821	1703
Filter Age	hrs	Client Info		2054	1095	1703
Oil Changed		Client Info		Oil Added	N/A	N/A
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>40	4	3	3
Chromium	ppm	ASTM D5185(m)	>5	1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>8	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>5	0	<1	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

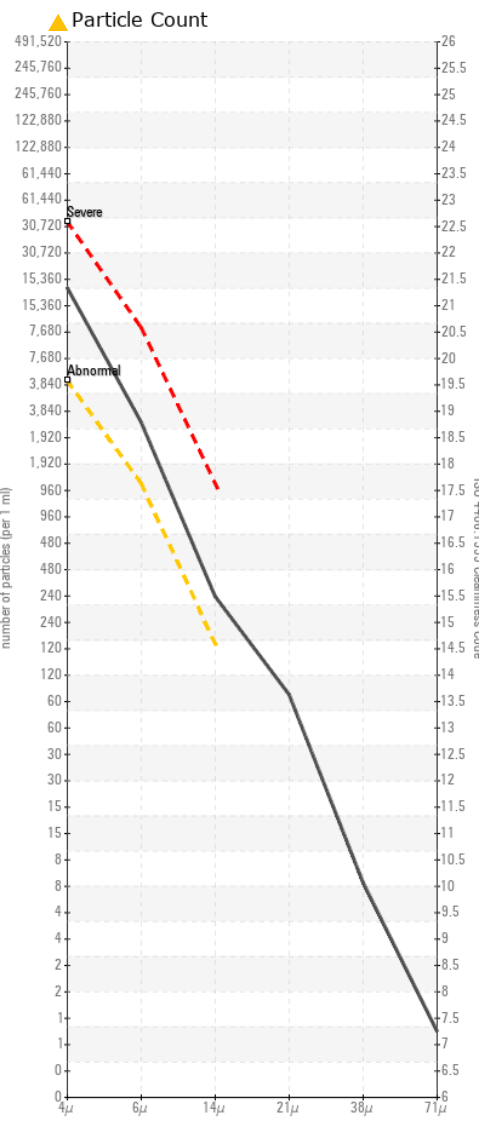
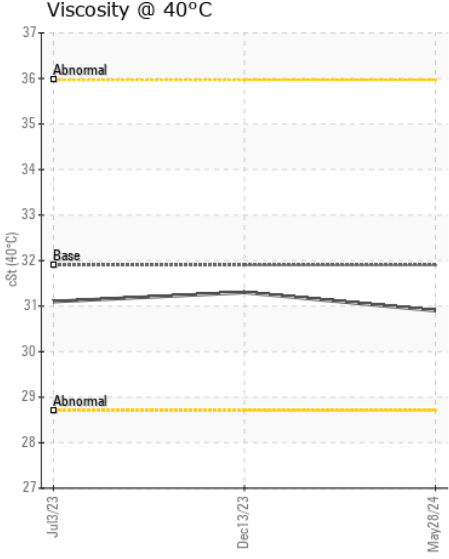
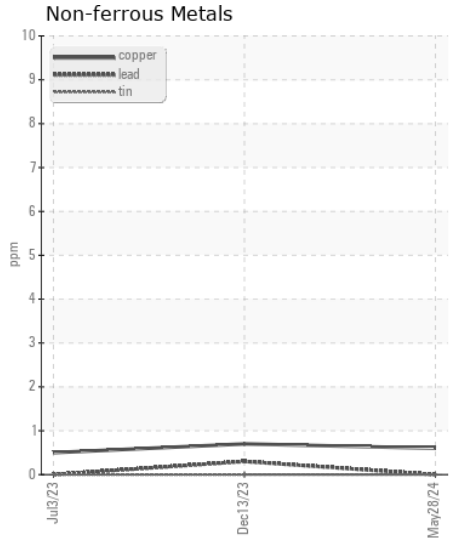
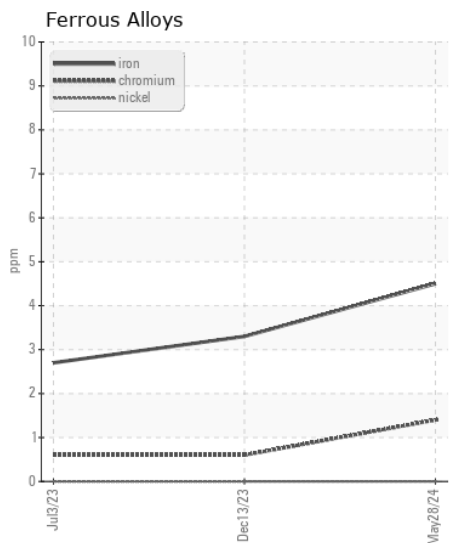
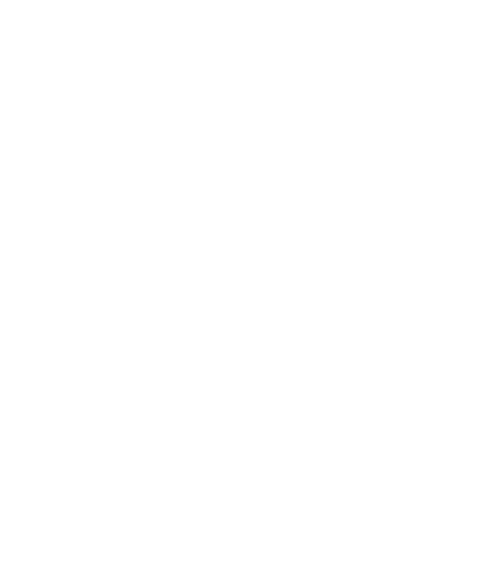
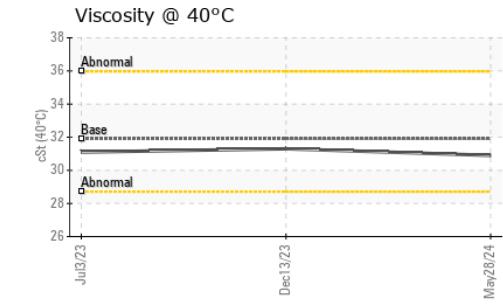
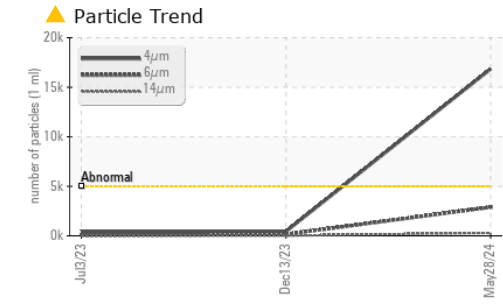
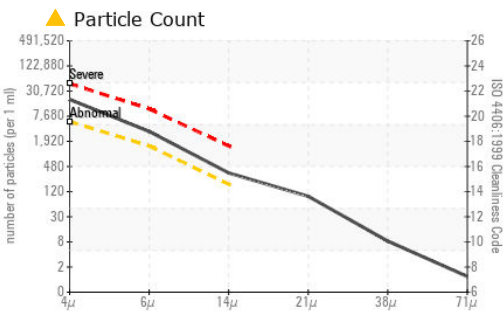
Il y a une quantité modérée de matières particulaires (2 à 100 µm de taille) présente dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	2	2	2
Potassium	ppm	ASTM D5185(m)	>20	4	1	1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 16840	437	426
Particles >6µm		ASTM D7647	>1300	▲ 2895	151	62
Particles >14µm		ASTM D7647	>160	● 296	13	5
Particles >21µm		ASTM D7647	>40	▲ 82	4	2
Particles >38µm		ASTM D7647	>10	7	1	0
Particles >71µm		ASTM D7647	>3	1	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 21/19/15	16/14/11	16/13/10
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)		4	2	2
Boron	ppm	ASTM D5185(m)	0	<1	<1	<1
Barium	ppm	ASTM D5185(m)	0	<1	<1	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)	1	0	0	0
Magnesium	ppm	ASTM D5185(m)	0	1	<1	1
Calcium	ppm	ASTM D5185(m)	50	49	50	50
Phosphorus	ppm	ASTM D5185(m)	330	320	324	347
Zinc	ppm	ASTM D5185(m)	430	400	420	414
Sulfur	ppm	ASTM D5185(m)	760	736	749	763
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	30.9	31.3	31.1



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0113519 **Received** : 10 Jun 2024
Lab Number : 02640806 **Tested** : 11 Jun 2024
Unique Number : 5789968 **Diagnosed** : 11 Jun 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: PrtCount)

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.

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