

Machine Id
9236
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 recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

WEAR

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

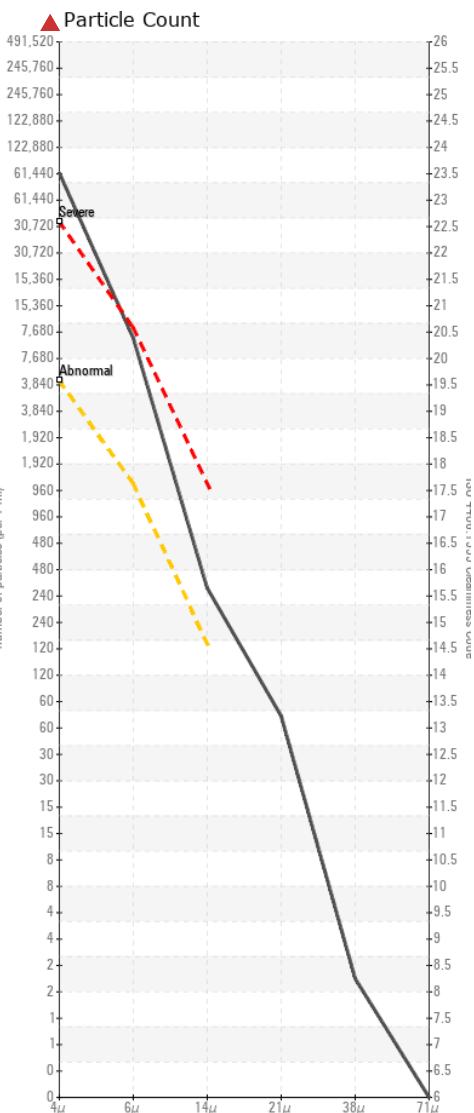
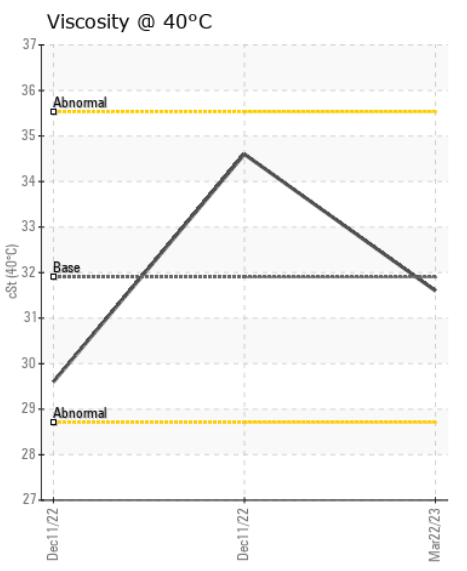
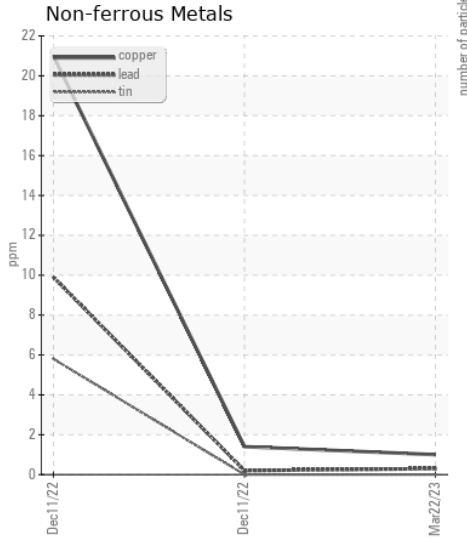
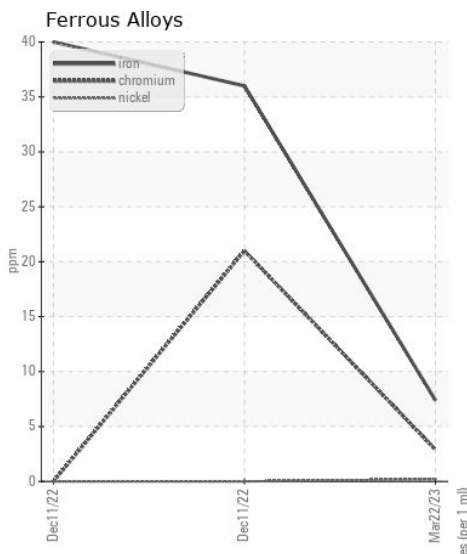
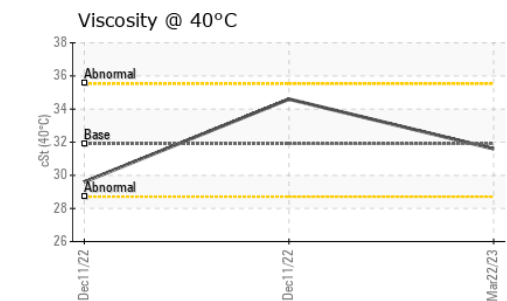
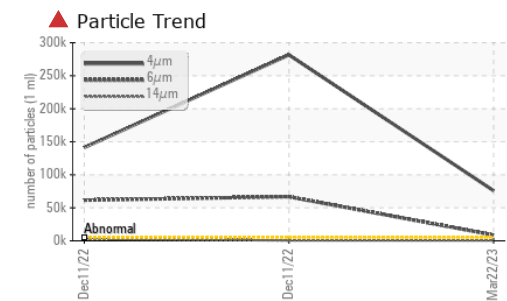
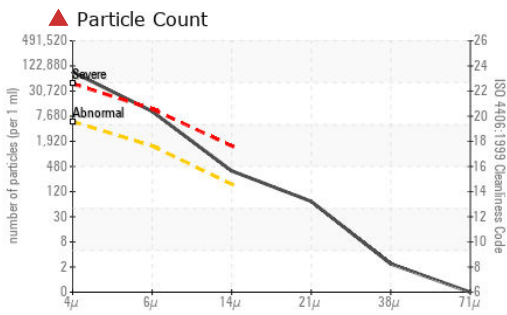
CONTAMINATION

Il y a une quantité élevée de matières particulaires (4 à 14 µm de taille) présente 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		GFL0070806	GFL0061200	GFL0061201
Sample Date		Client Info		22 Mar 2023	11 Dec 2022	11 Dec 2022
Machine Age	kms	Client Info		429852	0	0
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	N/A
Filter Changed		Client Info		Not Changd	N/A	N/A
Sample Status				SEVERE	SEVERE	SEVERE
Iron	ppm	ASTM D5185(m)	>50	7	40	36
Chromium	ppm	ASTM D5185(m)	>10	3	0	▲ 21
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>5	<1	▲ 21	4
Lead	ppm	ASTM D5185(m)	>4	<1	▲ 10	<1
Copper	ppm	ASTM D5185(m)	>15	1	▲ 21	1
Tin	ppm	ASTM D5185(m)	>4	0	▲ 6	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
Silicon	ppm	ASTM D5185(m)	>15	2	11	8
Potassium	ppm	ASTM D5185(m)	>20	1	<1	2
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 75888	▲ 141242	▲ 281544
Particles >6µm		ASTM D7647	>1300	▲ 8737	▲ 61489	▲ 66735
Particles >14µm		ASTM D7647	>160	▲ 331	▲ 2985	▲ 438
Particles >21µm		ASTM D7647	>40	● 62	▲ 474	53
Particles >38µm		ASTM D7647	>10	2	7	4
Particles >71µm		ASTM D7647	>3	0	1	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 23/20/16	▲ 24/23/19	▲ 25/23/16
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	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)		2	21	16
Boron	ppm	ASTM D5185(m)	0	<1	● 108	5
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	1
Manganese	ppm	ASTM D5185(m)	1	<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	6	<1	42
Calcium	ppm	ASTM D5185(m)	50	62	23	135
Phosphorus	ppm	ASTM D5185(m)	330	343	267	350
Zinc	ppm	ASTM D5185(m)	430	408	● 2	370
Sulfur	ppm	ASTM D5185(m)	760	804	● 2909	994
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	31.6	34.6	29.6



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0070806 **Received** : 23 Mar 2023
Lab Number : 02547199 **Tested** : 23 Mar 2023
Unique Number : 5552209 **Diagnosed** : 23 Mar 2023 - Wes Davis
Test Package : MOB 1 (Additional Tests: PrtCount)

GFL Environmental - 736 - Trois-Rivieres
 2920 Bellefeuille,
 Trois-Rivieres, QC
 CA G9A 5R5
 Contact: Jean Demontigny
 jdemontigny@matrec.ca
 T: (819)378-4881
 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.