



Machine Id
711037
Component
Hydraulic System
Fluid
PETRO CANADA HYDREX MV 32 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier tous les endroits par lesquels des contaminants peuvent pénétrer dans le système. Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. 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. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

WEAR

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

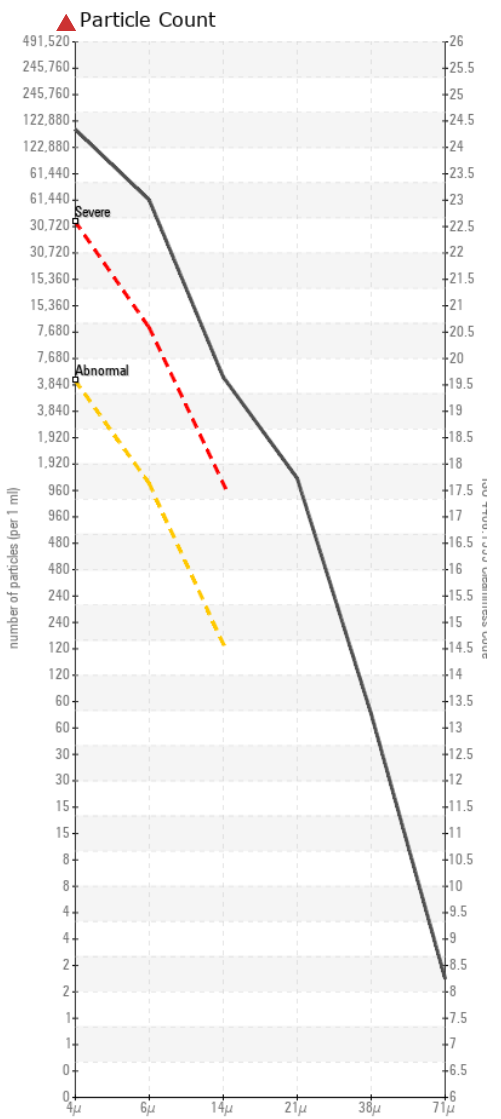
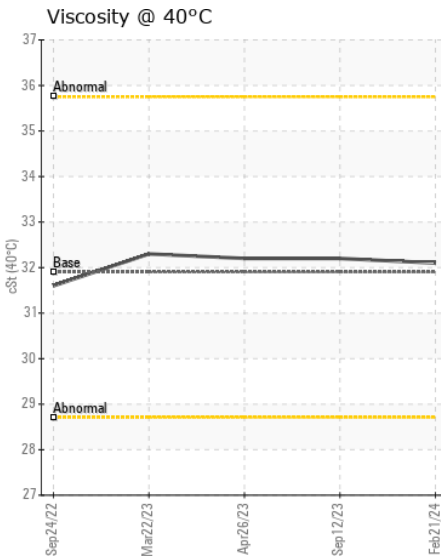
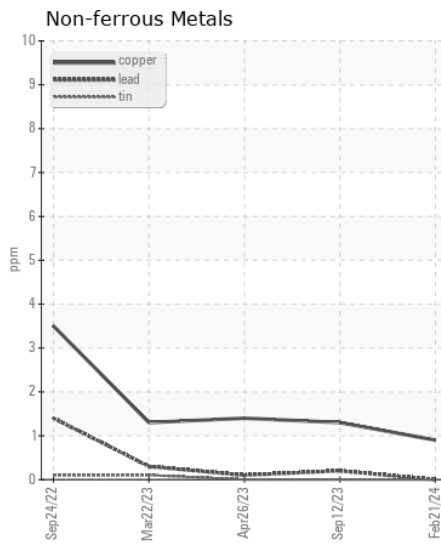
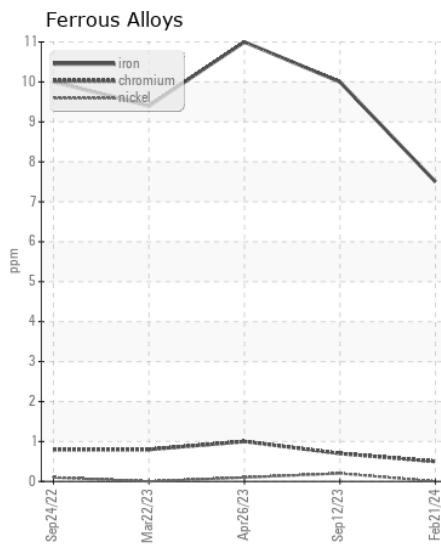
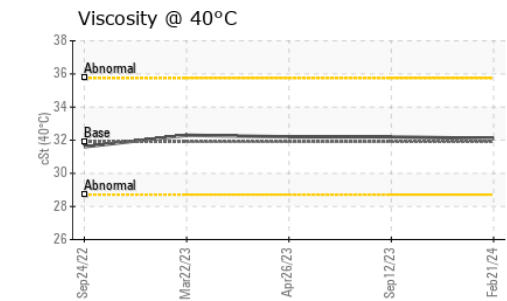
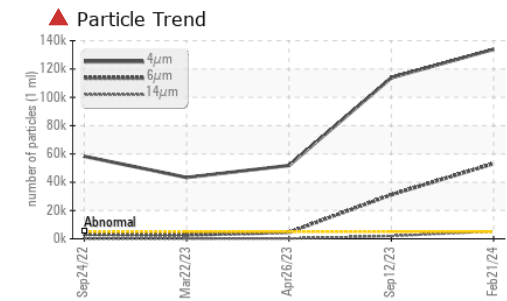
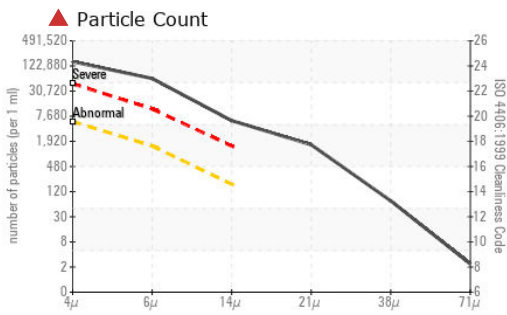
CONTAMINATION

Il y a une quantité élevée de matières particulaires (2 à 100 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		GFL0107603	GFL0088895	GFL0073455
Sample Date		Client Info		21 Feb 2024	12 Sep 2023	26 Apr 2023
Machine Age	kms	Client Info		0	79238	4177
Oil Age	kms	Client Info		0	0	1200
Filter Age	kms	Client Info		0	0	1200
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Not Changd	Not Changd
Sample Status				SEVERE	SEVERE	SEVERE
Iron	ppm	ASTM D5185(m)	>50	8	10	11
Chromium	ppm	ASTM D5185(m)	>10	<1	<1	1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>5	1	1	1
Lead	ppm	ASTM D5185(m)	>4	0	<1	<1
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
Silicon	ppm	ASTM D5185(m)	>15	3	4	4
Potassium	ppm	ASTM D5185(m)	>20	1	<1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 133952	▲ 113838	▲ 51798
Particles >6µm		ASTM D7647	>1300	▲ 53168	▲ 31172	▲ 4519
Particles >14µm		ASTM D7647	>160	▲ 5247	▲ 1942	● 217
Particles >21µm		ASTM D7647	>40	▲ 1394	▲ 449	49
Particles >38µm		ASTM D7647	>10	▲ 64	▲ 21	1
Particles >71µm		ASTM D7647	>3	2	2	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 24/23/20	▲ 24/22/18	▲ 23/19/15
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	LIGHT	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
Sodium	ppm	ASTM D5185(m)		4	7	11
Boron	ppm	ASTM D5185(m)	0	0	<1	<1
Barium	ppm	ASTM D5185(m)	0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	2
Manganese	ppm	ASTM D5185(m)	1	0	0	<1
Magnesium	ppm	ASTM D5185(m)	0	9	20	31
Calcium	ppm	ASTM D5185(m)	50	67	84	90
Phosphorus	ppm	ASTM D5185(m)	330	351	384	378
Zinc	ppm	ASTM D5185(m)	430	436	505	434
Sulfur	ppm	ASTM D5185(m)	760	825	892	830
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	32.1	32.2	32.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107603
Lab Number : 02619724
Unique Number : 5736834
Test Package : MOB 1 (Additional Tests: PrtCount)
Received : 04 Mar 2024
Tested : 05 Mar 2024
Diagnosed : 05 Mar 2024 - Wes Davis

GFL Environmental - 747 - GMA - Solid Waste
 4 Chemin du Tremblay,
 Boucherville, QC
 CA J4B 6Z5
 Contact: Steve Voyer
 svoyer@matrec.ca

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.