



Machine Id
8296
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 vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. 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.

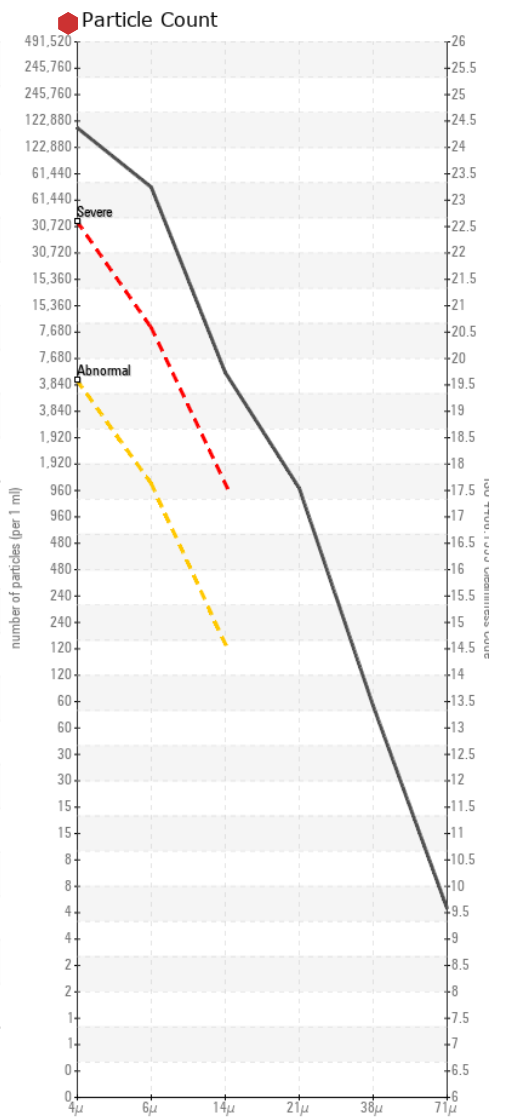
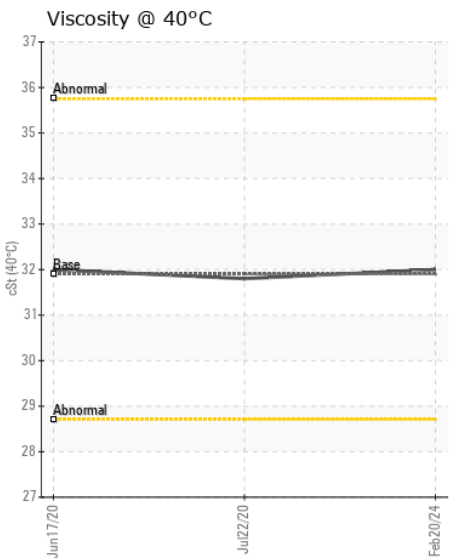
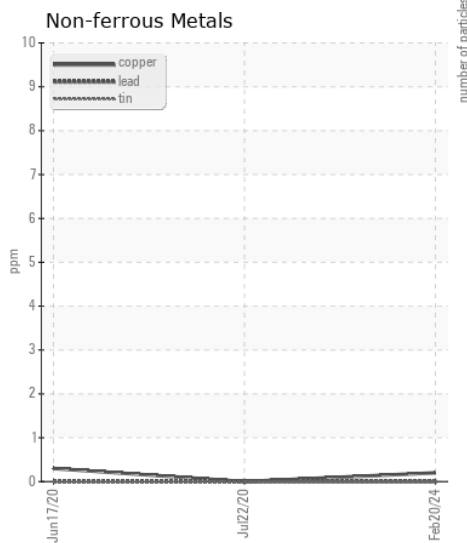
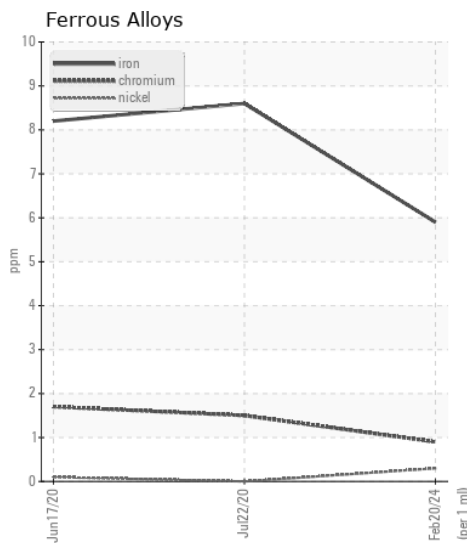
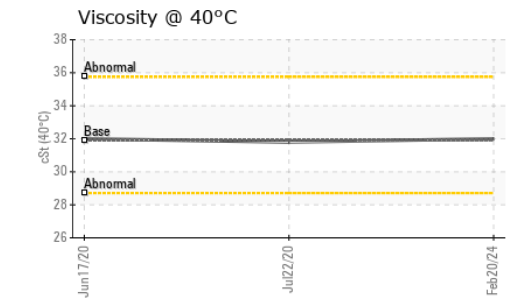
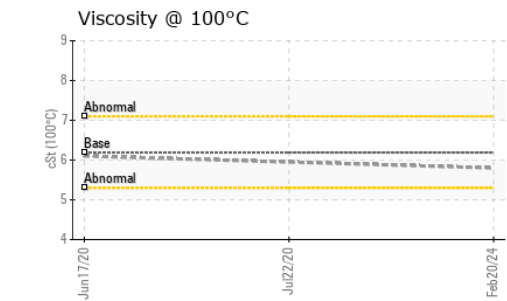
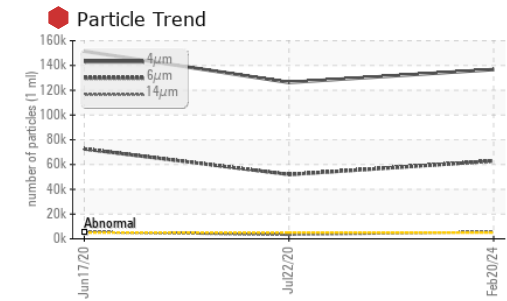
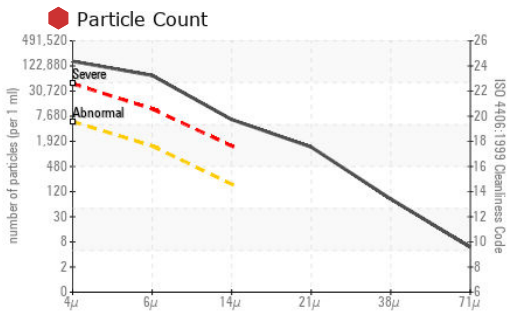
CONTAMINATION

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		PC0081996	GFL0009635	PC0026136
Sample Date		Client Info		20 Feb 2024	22 Jul 2020	17 Jun 2020
Machine Age	hrs	Client Info		18591	1200	1200
Oil Age	hrs	Client Info		0	1200	1200
Filter Age	hrs	Client Info		0	1200	1200
Oil Changed		Client Info		N/A	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				SEVERE	SEVERE	SEVERE
Iron	ppm	ASTM D5185(m)	>40	6	9	8
Chromium	ppm	ASTM D5185(m)	>5	<1	2	2
Nickel	ppm	ASTM D5185(m)	>2	<1	0	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>8	2	<1	<1
Lead	ppm	ASTM D5185(m)	>5	0	0	0
Copper	ppm	ASTM D5185(m)	>20	<1	0	<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
Silicon	ppm	ASTM D5185(m)	>20	2	1	<1
Potassium	ppm	ASTM D5185(m)	>20	2	2	1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	136750	126306	151500
Particles >6µm		ASTM D7647	>1300	62860	51928	72601
Particles >14µm		ASTM D7647	>160	5569	3225	5502
Particles >21µm		ASTM D7647	>40	1227	859	1336
Particles >38µm		ASTM D7647	>10	71	23	11
Particles >71µm		ASTM D7647	>3	5	1	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	24/23/20	24/23/19	24/23/20
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	VLITE	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	<1	0
Boron	ppm	ASTM D5185(m)	0	1	<1	<1
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	<1	<1	<1
Manganese	ppm	ASTM D5185(m)	1	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	8	3	3
Calcium	ppm	ASTM D5185(m)	50	66	62	65
Phosphorus	ppm	ASTM D5185(m)	330	340	336	347
Zinc	ppm	ASTM D5185(m)	430	423	417	427
Sulfur	ppm	ASTM D5185(m)	760	815	762	785
Visc @ 40°C	cSt	ASTM D7279(m)	31.9	32.0	31.8	32.0
Visc @ 100°C	cSt	ASTM D7279(m)	6.19	5.8	---	6.1
Viscosity Index (VI)	Scale	ASTM D2270*	147	124	---	141



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0081996 **Received** : 26 Feb 2024
Lab Number : 02618097 **Tested** : 27 Feb 2024
Unique Number : 5735207 **Diagnosed** : 27 Feb 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, PrtCount, VI)

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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.