



WEAR	SEVERE
CONTAMINATION	ABNORMAL
FLUID CONDITION	ABNORMAL



Machine Id
819007
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier tous les endroits par lesquels de la saleté peut pénétrer dans le système. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

Usure des engrenages. Il y a indication d'usure du convertisseur de couple. Le haut indice ferreux (PQ) indique la présence d'une usure anormale.

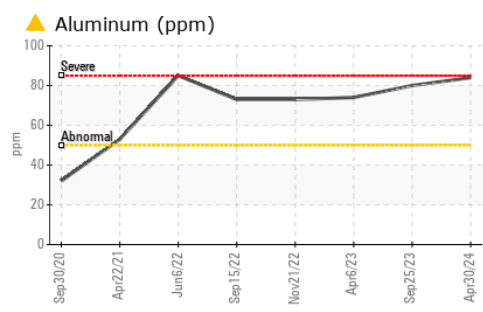
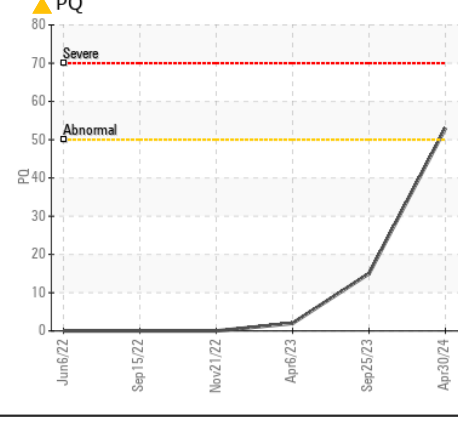
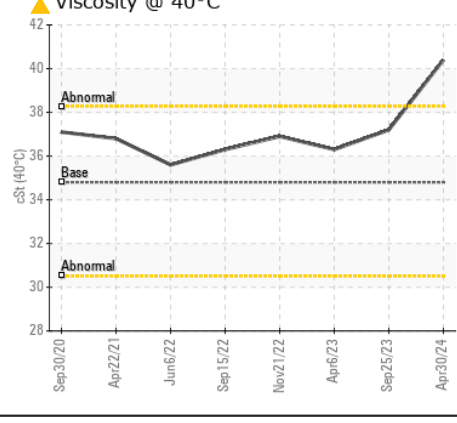
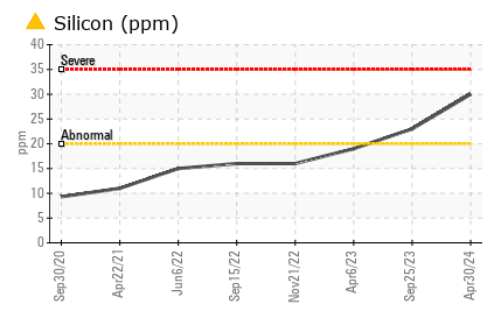
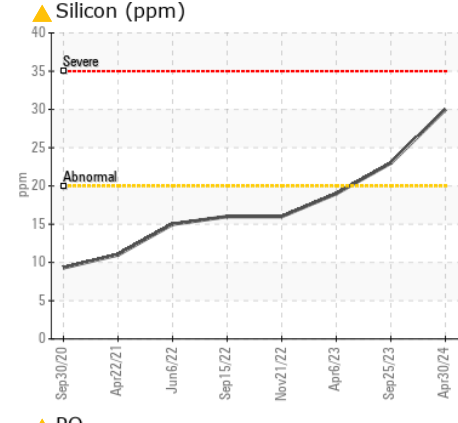
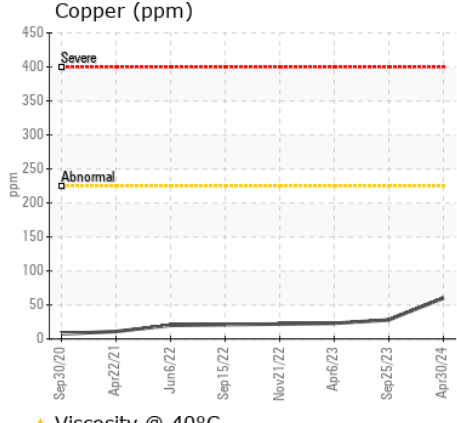
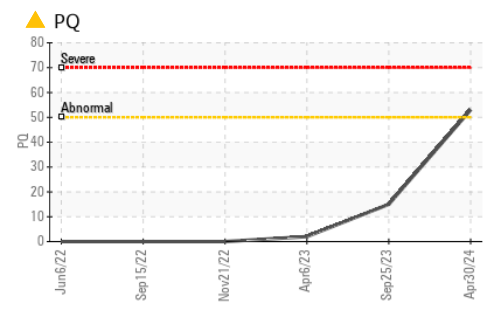
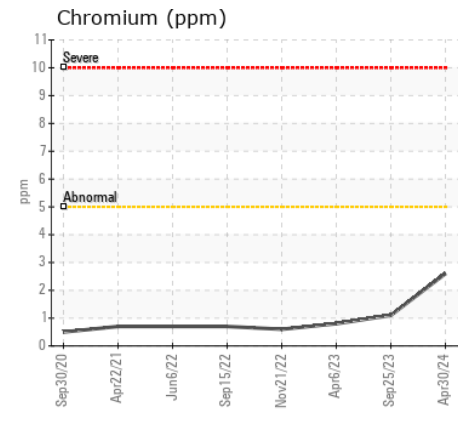
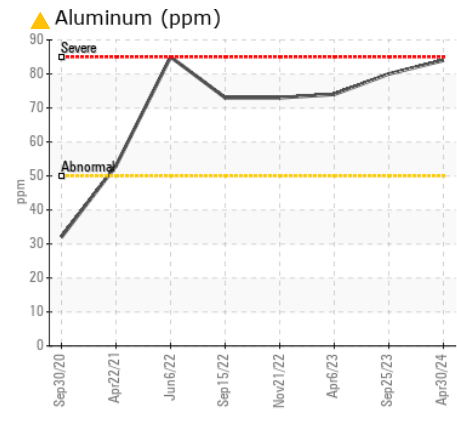
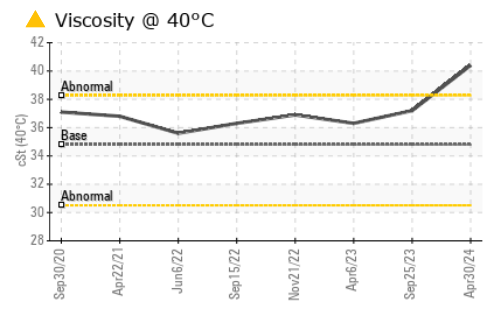
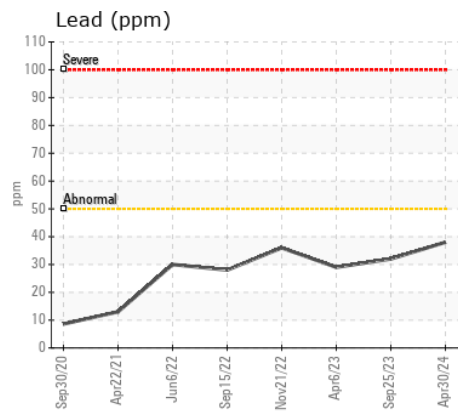
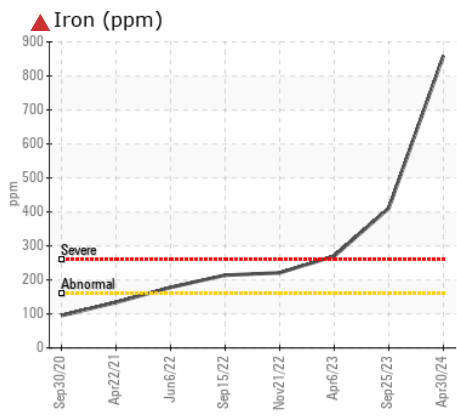
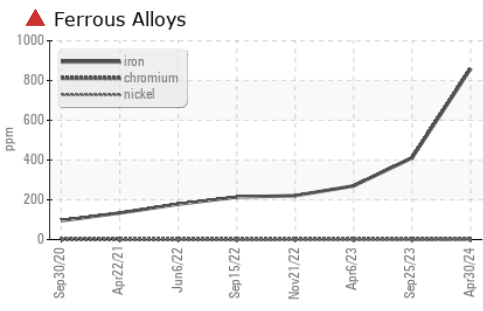
CONTAMINATION

Concentration modérée de saleté dans le fluide. Une grande quantité de saleté a provoqué une usure abrasive du composant.

FLUID CONDITION

La viscosité de le fluide est supérieure à la normale, ce qui est un indice possible de l'ajout d'une huile plus lourde. le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0088243	PC0078542	PC0072942
Sample Date		Client Info		30 Apr 2024	25 Sep 2023	06 Apr 2023
Machine Age	kms	Client Info		85718	0	68676
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				SEVERE	SEVERE	SEVERE
PQ		ASTM D8184*	>50	▲ 53	15	2
Iron	ppm	ASTM D5185(m)	>160	▲ 859	▲ 411	▲ 270
Chromium	ppm	ASTM D5185(m)	>5	3	1	<1
Nickel	ppm	ASTM D5185(m)	>5	1	<1	<1
Titanium	ppm	ASTM D5185(m)		<1	0	<1
Silver	ppm	ASTM D5185(m)	>5	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	▲ 84	▲ 80	▲ 74
Lead	ppm	ASTM D5185(m)	>50	38	32	29
Copper	ppm	ASTM D5185(m)	>225	60	28	23
Tin	ppm	ASTM D5185(m)	>10	5	5	5
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	▲ 30	▲ 23	19
Potassium	ppm	ASTM D5185(m)	>20	4	4	3
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
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)		30	11	11
Boron	ppm	ASTM D5185(m)	78	70	73	72
Barium	ppm	ASTM D5185(m)		<1	<1	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	<1
Manganese	ppm	ASTM D5185(m)		9	4	3
Magnesium	ppm	ASTM D5185(m)	0	3	2	4
Calcium	ppm	ASTM D5185(m)	113	87	87	87
Phosphorus	ppm	ASTM D5185(m)	222	207	235	256
Zinc	ppm	ASTM D5185(m)		219	22	18
Sulfur	ppm	ASTM D5185(m)	1326	904	903	953
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	▲ 40.4	37.2	36.3
Visc @ 100°C	cSt	ASTM D7279(m)	7.0	7.8	7.2	7
Viscosity Index (VI)	Scale	ASTM D2270*	167	167	160	157



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088243
Lab Number : 02633190
Unique Number : 5774343
Test Package : MOB 1 (Additional Tests: KV100, PQ, VI)
Received : 03 May 2024
Tested : 03 May 2024
Diagnosed : 05 May 2024 - Kevin Marson
 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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