



Machine Id
601223

Component
Diesel Engine

Fluid
PETRO CANADA 15W40 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

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

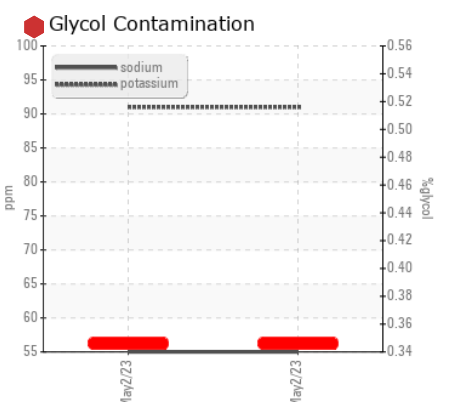
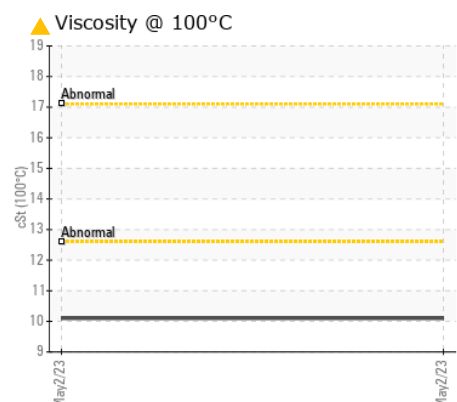
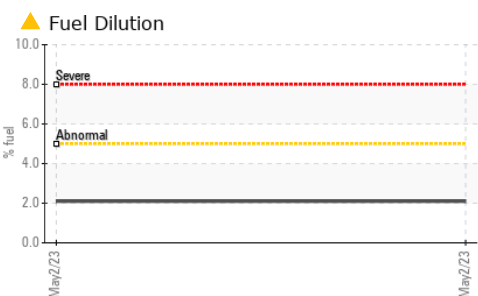
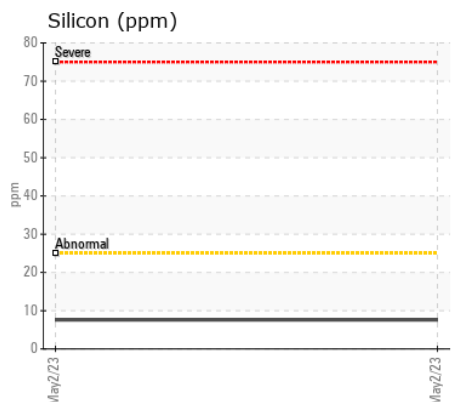
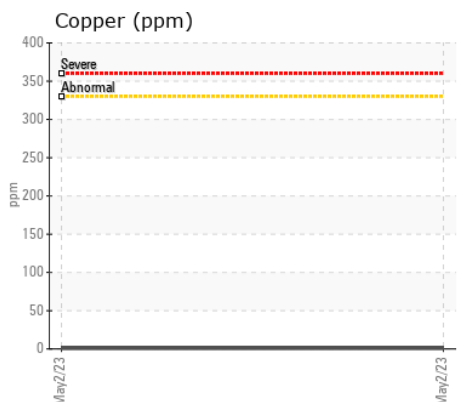
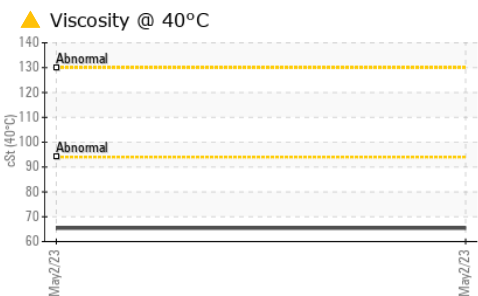
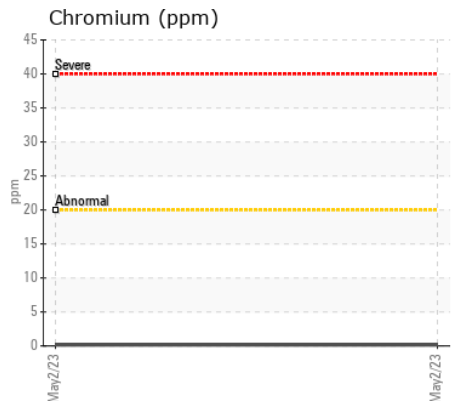
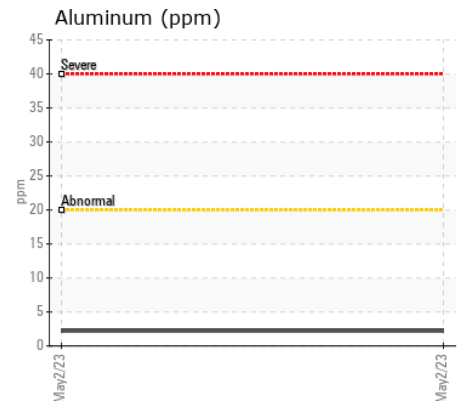
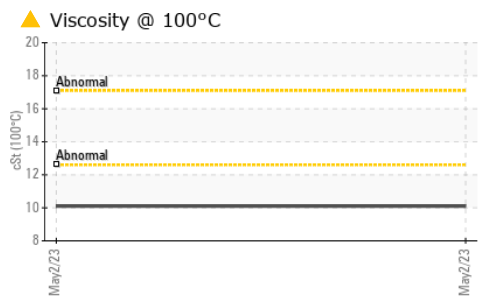
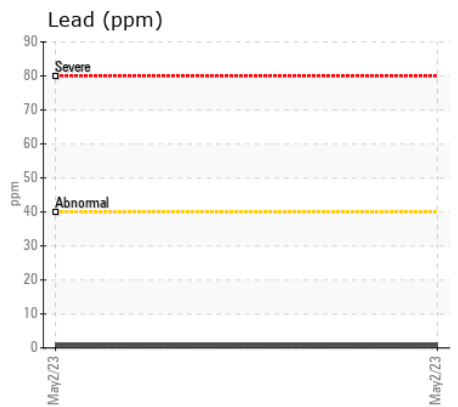
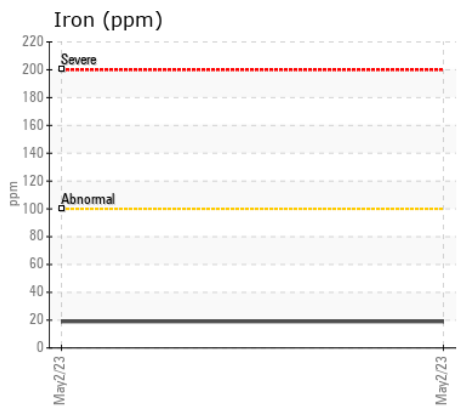
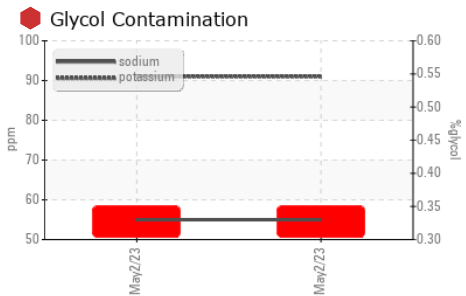
CONTAMINATION

Le test de glycol est positif. Légère dilution de carburant dans l'huile. Concentration élevée de glycol dans l'huile.

FLUID CONDITION

Il y a du carburant dans l'huile, ce qui réduit la viscosité. L'huile ne peut plus être utilisée en raison de la présence de contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0073203	---	---
Sample Date		Client Info		02 May 2023	---	---
Machine Age	kms	Client Info		309513	---	---
Oil Age	kms	Client Info		0	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				SEVERE	---	---
Iron	ppm	ASTM D5185(m)	>100	19	---	---
Chromium	ppm	ASTM D5185(m)	>20	<1	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	2	---	---
Lead	ppm	ASTM D5185(m)	>40	<1	---	---
Copper	ppm	ASTM D5185(m)	>330	1	---	---
Tin	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Silicon	ppm	ASTM D5185(m)	>25	8	---	---
Potassium	ppm	ASTM D5185(m)	>20	▲ 91	---	---
Fuel	%	ASTM D7593*	>5	▲ 2.1	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol	%	ASTM D7922*		◆ 0.35	---	---
Soot %	%	ASTM D7844*	>3	0.4	---	---
Nitration	Abs/cm	ASTM D7624*	>20	6.6	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.1	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185(m)		▲ 55	---	---
Boron	ppm	ASTM D5185(m)		16	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		71	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		909	---	---
Calcium	ppm	ASTM D5185(m)		1062	---	---
Phosphorus	ppm	ASTM D5185(m)		1080	---	---
Zinc	ppm	ASTM D5185(m)		1153	---	---
Sulfur	ppm	ASTM D5185(m)		2708	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.3	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		▲ 65.4	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		▲ 10.1	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		139	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0073203
Lab Number : 02555666
Unique Number : 5568681
Test Package : MOB 1 (Additional Tests: FuelDilution, Glycol, KV40, PercentFuel, VI)

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Received : 05 May 2023
 Tested : 08 May 2023
 Diagnosed : 08 May 2023 - Wes Davis
 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.