



USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Secteur  
**MICHAUDVILLE**  
Identité de la machine  
**8509**

Composant  
**Système hydraulique**

Fluide  
**PETRO CANADA PRODURO TO-4 SYNTHETIC ALL SEASON (--- GAL)**

**RECOMMENDATION**

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0082334</b>	PC0066543	PC0060695
Date d'échant.		Client Info		<b>14 Nov 2023</b>	08 Aug 2023	02 Nov 2022
Âge d la Machine	hrs	Client Info		<b>6586</b>	6050	5566
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Âge du filtre	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>N/A</b>	N/A	N/A
Filtre changé		Client Info		<b>N/A</b>	N/A	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

All component wear rates are normal.

PQ		ASTM D8184*		<b>0</b>	0	---
Fer	ppm	ASTM D5185(m)	>20	<b>21</b>	20	19
Chrome	ppm	ASTM D5185(m)	>10	<b>1</b>	2	1
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>10	<b>2</b>	2	2
Plomb	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Cuivre	ppm	ASTM D5185(m)	>75	<b>6</b>	5	4
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

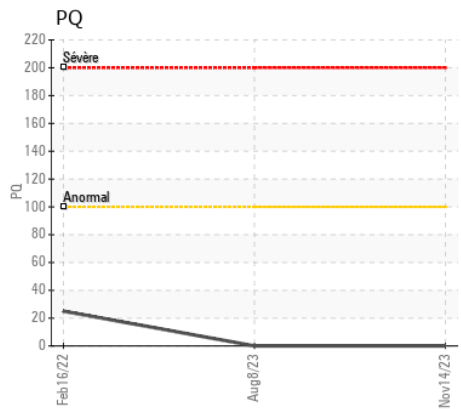
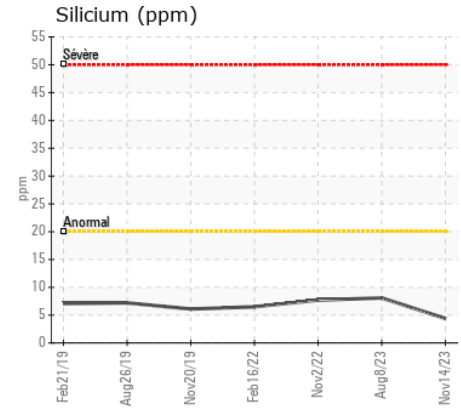
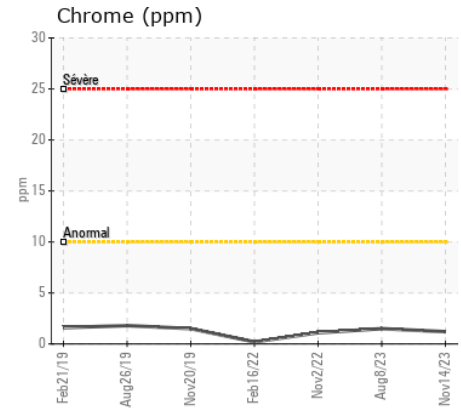
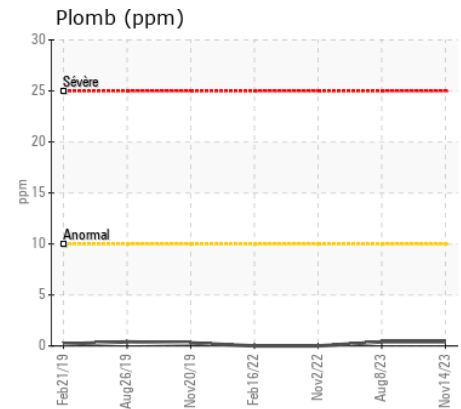
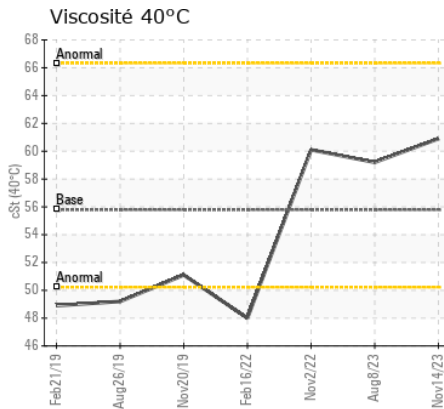
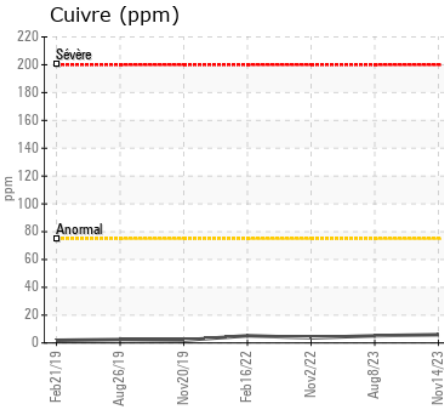
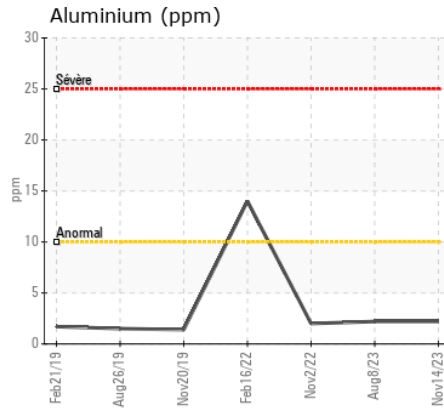
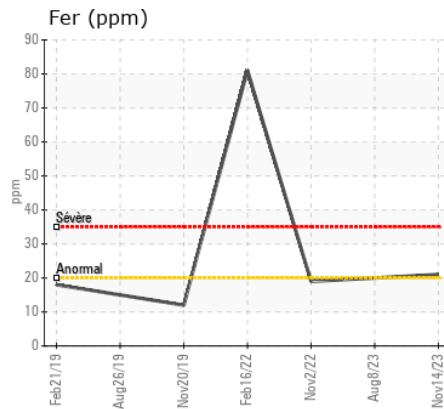
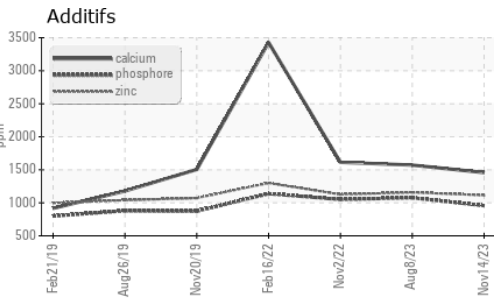
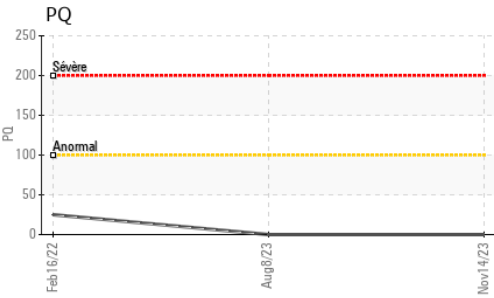
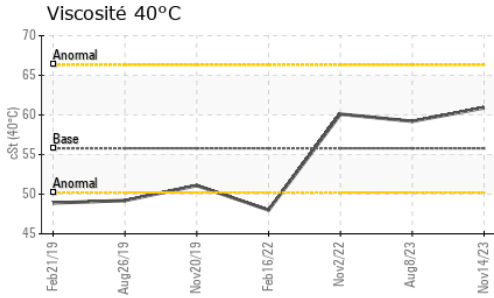
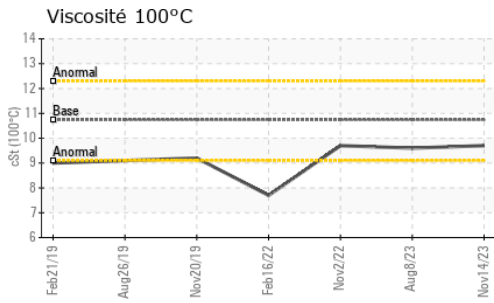
There is no indication of any contamination in the component(unconfirmed).

Silicium	ppm	ASTM D5185(m)	>20	<b>4</b>	8	8
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	2	2
Limon	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Débris	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	3	4
Bore	ppm	ASTM D5185(m)	5	<b>12</b>	14	15
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	0	<b>39</b>	38	36
Manganèse	ppm	ASTM D5185(m)	1	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	10	<b>617</b>	599	553
Calcium	ppm	ASTM D5185(m)	3068	<b>1458</b>	1571	1613
Phosphore	ppm	ASTM D5185(m)	1081	<b>957</b>	1076	1050
Zinc	ppm	ASTM D5185(m)	1199	<b>1114</b>	1158	1126
Soufre	ppm	ASTM D5185(m)	4636	<b>2626</b>	2808	2783
Visc 40°C	cSt	ASTM D7279(m)	55.79	<b>60.9</b>	59.2	60.1
Visc 100°C	cSt	ASTM D7279(m)	10.74	<b>9.7</b>	9.6	9.7
Indice de viscosité (VI)	Scale	ASTM D2270*	187	<b>142</b>	145	145



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**N° d'échantillon** : PC0082334 **Reçu** : 15 Nov 2023  
**N° de laboratoire** : 02596589 **Diagnostiqué** : 16 Nov 2023  
**Numéro unique** : 5681669 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1 ( Additional Tests: KV100, PQ, VI )

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

270 RUE BRUNET  
 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
 Contact: Martin Trudel  
 mtrudel@michaudville.com

T:  
 F: