



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>PC0066543</b>	PC0060695	PC0053879
Date d'échant.		Client Info		<b>08 Aug 2023</b>	02 Nov 2022	16 Feb 2022
Âge d la Machine	hrs	Client Info		<b>6050</b>	5566	0
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	SEVERE

**USURE**

All component wear rates are normal.

PQ		ASTM D8184*		<b>0</b>	---	25
Fer	ppm	ASTM D5185(m)	>20	<b>20</b>	19	81
Chrome	ppm	ASTM D5185(m)	>10	<b>2</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Argent	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>10	<b>2</b>	2	14
Plomb	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	0
Cuivre	ppm	ASTM D5185(m)	>75	<b>5</b>	4	5
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	LIGHT
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

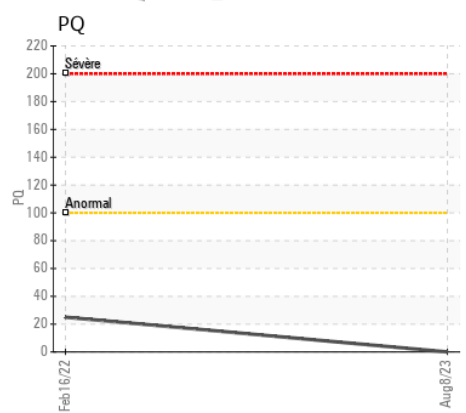
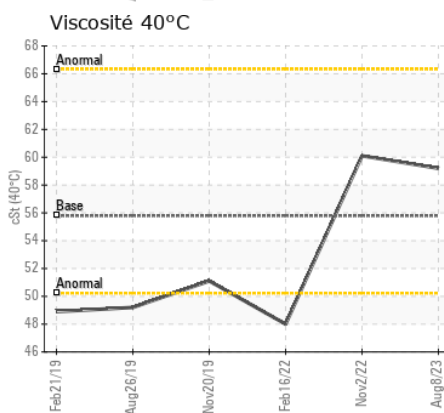
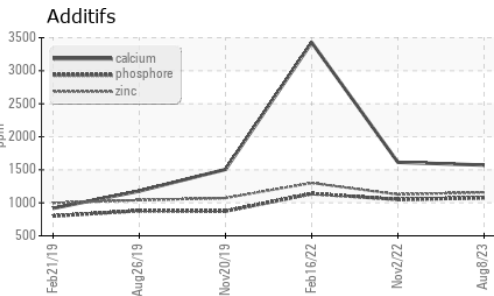
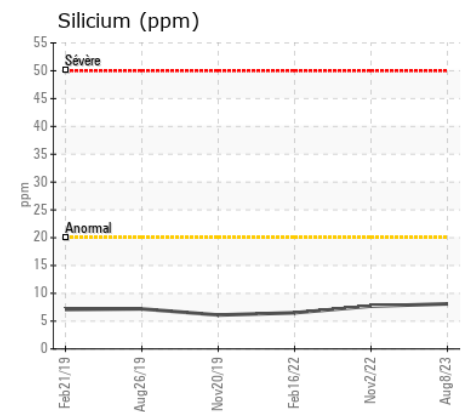
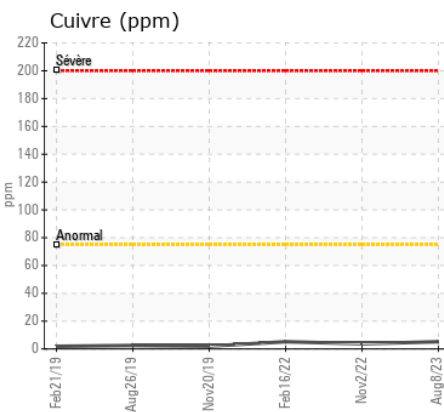
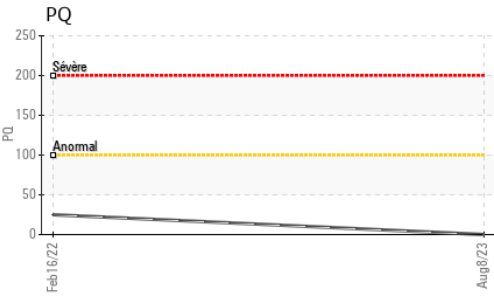
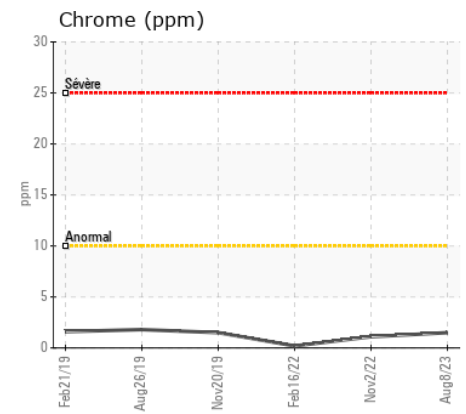
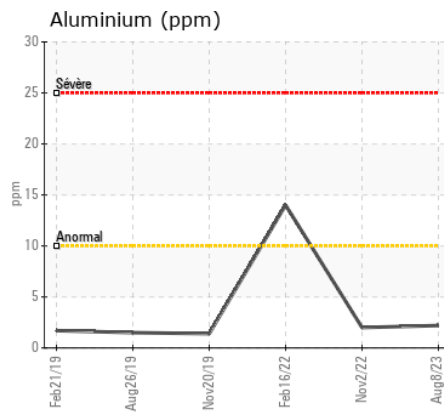
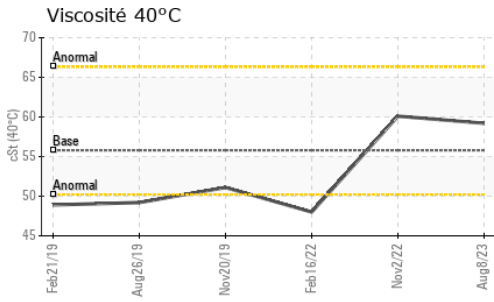
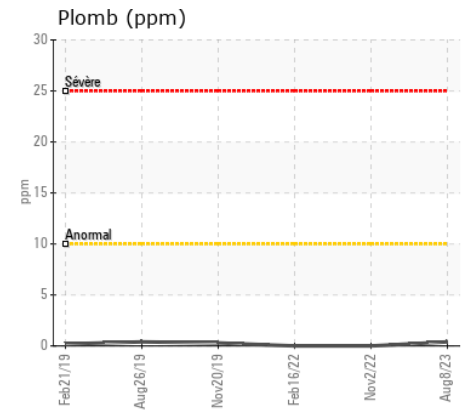
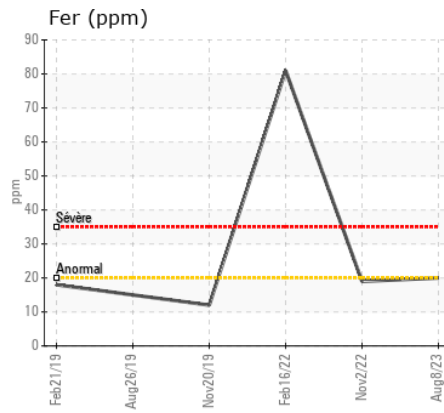
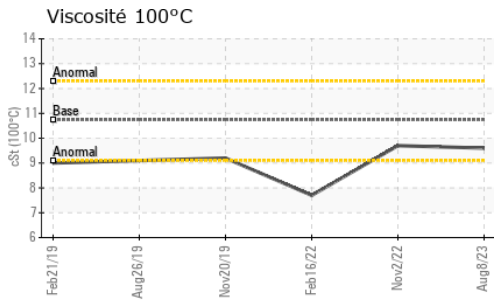
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>20	<b>8</b>	8	6
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	2
Limon	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Débris	scalar	Visual*	NONE	<b>VLITE</b>	NONE	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>3</b>	4	2
Bore	ppm	ASTM D5185(m)	5	<b>14</b>	15	54
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	0	<b>38</b>	36	<1
Manganèse	ppm	ASTM D5185(m)	1	<b>&lt;1</b>	<1	1
Magnésium	ppm	ASTM D5185(m)	10	<b>599</b>	553	53
Calcium	ppm	ASTM D5185(m)	3068	<b>1571</b>	1613	3428
Phosphore	ppm	ASTM D5185(m)	1081	<b>1076</b>	1050	1138
Zinc	ppm	ASTM D5185(m)	1199	<b>1158</b>	1126	1300
Soufre	ppm	ASTM D5185(m)	4636	<b>2808</b>	2783	3427
Visc 40°C	cSt	ASTM D7279(m)	55.79	<b>59.2</b>	60.1	48.0
Visc 100°C	cSt	ASTM D7279(m)	10.74	<b>9.6</b>	9.7	7.7
Indice de viscosité (VI)	Scale	ASTM D2270*	187	<b>145</b>	145	197



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0066543 **Reçu** : 09 Aug 2023  
**N° de laboratoire** : 02574868 **Diagnostiqué** : 10 Aug 2023  
**Numéro unique** : 5619919 **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.

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