



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

Secteur

**MICHAUDVILLE**

Identité de la machine

**1201**

Composant

**Moteur diesel**

Fluid

**PETRO CANADA DURON SHP 10W30 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0085230</b>	PC0072160	PC0071946
Date d'échant.		Client Info		<b>21 Apr 2024</b>	07 Jan 2024	17 Oct 2023
Âge d la Machine	hrs	Client Info		<b>13075</b>	12590	12194
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.

Fer	ppm	ASTM D5185(m)	>100	<b>6</b>	5	8
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	3
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	<1	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

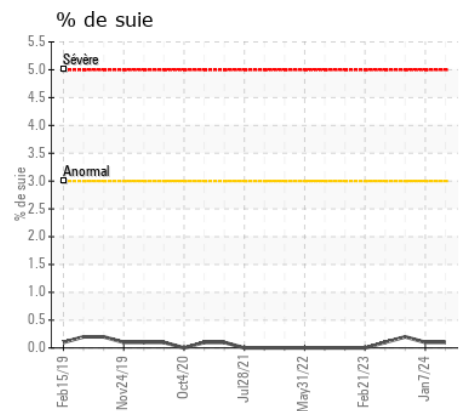
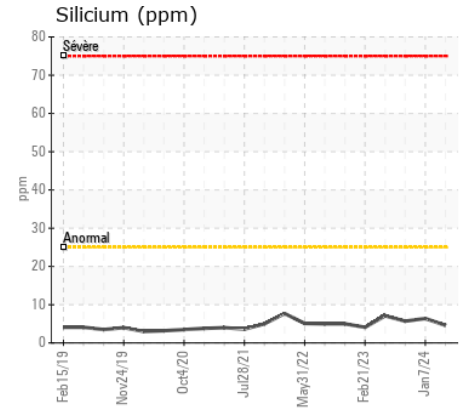
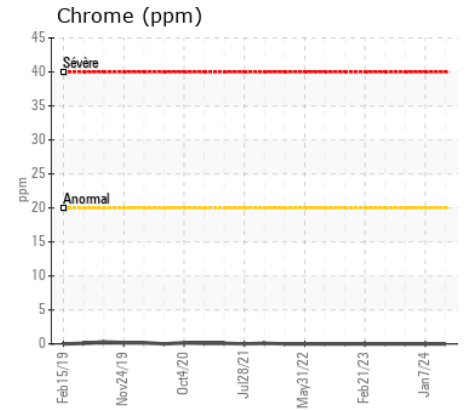
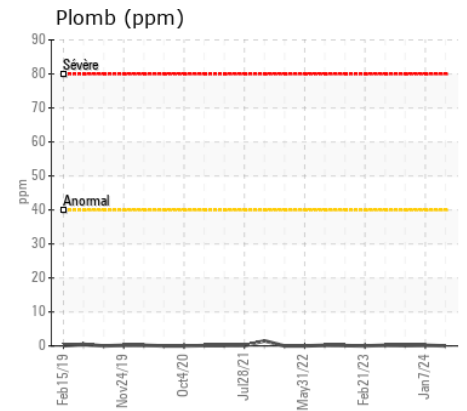
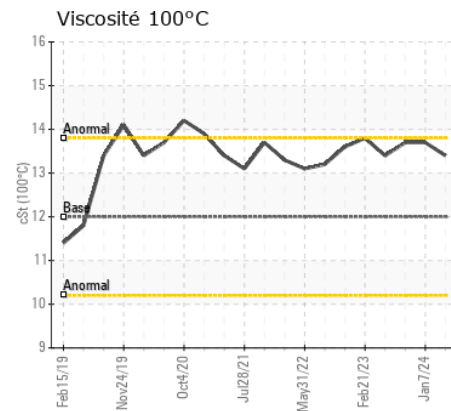
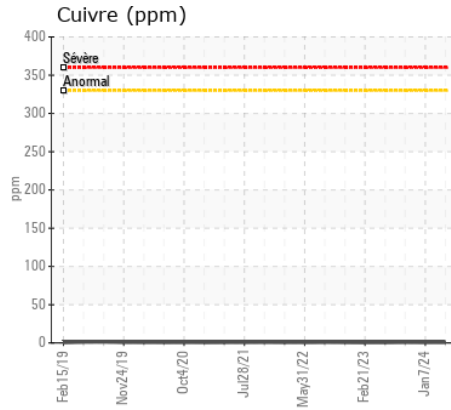
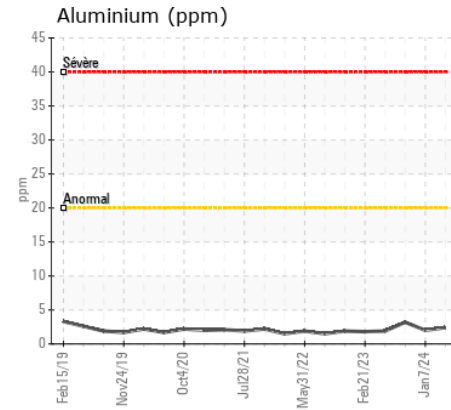
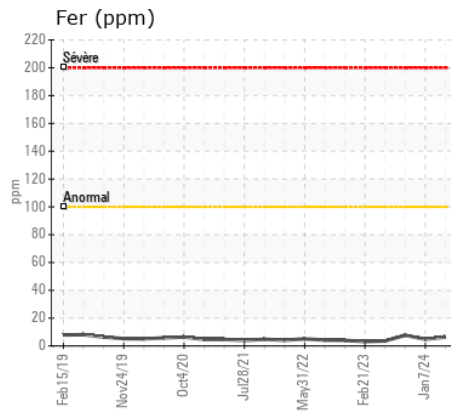
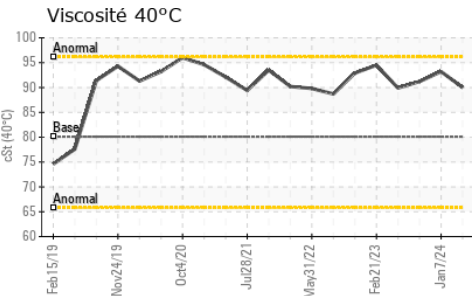
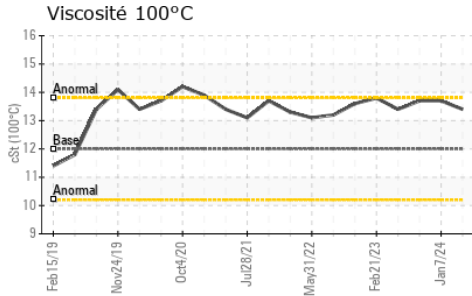
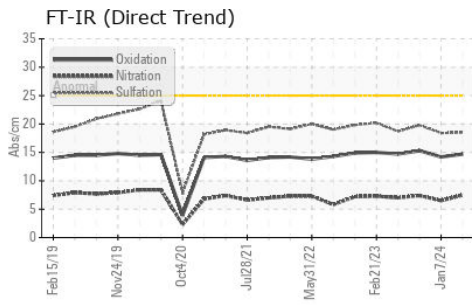
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>5</b>	6	6
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	3
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.1</b>	0.1	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.5</b>	6.5	7.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.5</b>	18.4	19.8
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>1</b>	1	2
Bore	ppm	ASTM D5185(m)	2	<b>&lt;1</b>	<1	1
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Molybdène	ppm	ASTM D5185(m)	50	<b>56</b>	57	57
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Magnésium	ppm	ASTM D5185(m)	950	<b>943</b>	935	916
Calcium	ppm	ASTM D5185(m)	1050	<b>1059</b>	1068	1131
Phosphore	ppm	ASTM D5185(m)	995	<b>982</b>	997	1001
Zinc	ppm	ASTM D5185(m)	1180	<b>1149</b>	1175	1180
Soufre	ppm	ASTM D5185(m)	2600	<b>2532</b>	2766	2614
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.7</b>	14.2	15.3
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>90.0</b>	93.2	91.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>13.4</b>	13.7	13.7
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>149</b>	149	152



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : PC0085230

**N° de laboratoire** : 02630505

**Numéro unique** : 5763637

**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**Reçu** : 22 Apr 2024

**Tested** : 22 Apr 2024

**Diagnostiqué** : 22 Apr 2024 - Kevin Marson

**LES ENTREPRISES MICHAUVILLE INC.**

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

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T:

F:

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.