



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

Identité de la machine

**76104**

Composant

**Moteur diesel**

Fluide

**DIESEL ENGINE OIL 10W40 (--- 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>PC0082063</b>	PC0078472	PC0077467
Date d'échant.		Client Info		<b>26 Nov 2023</b>	02 Oct 2023	17 Aug 2023
Âge d la Machine	hrs	Client Info		<b>21527</b>	20917	20276
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	6
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	1	2
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	0
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**

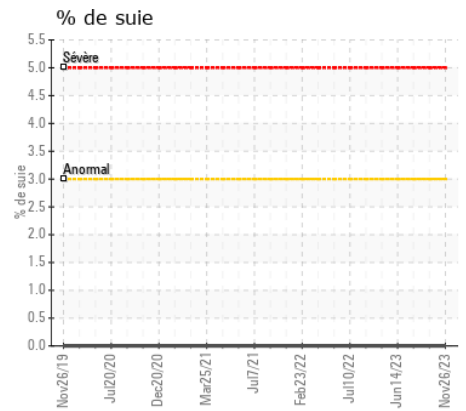
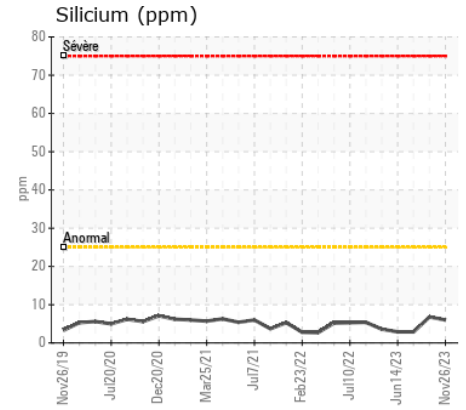
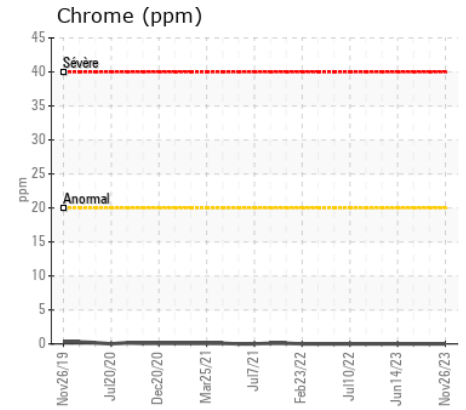
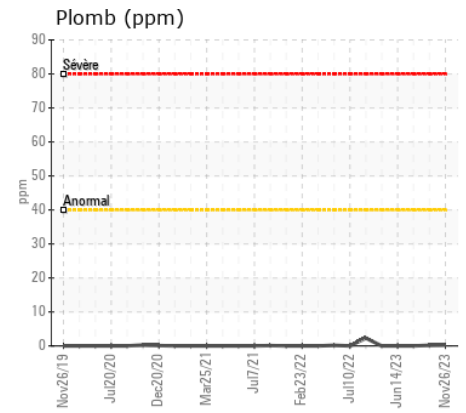
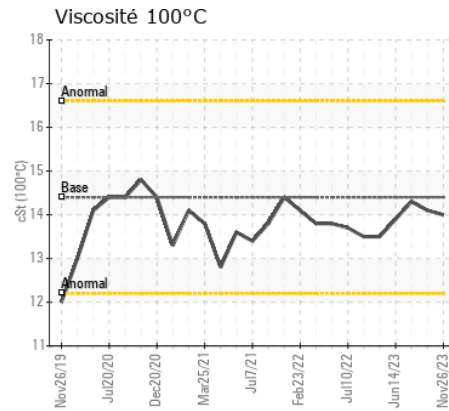
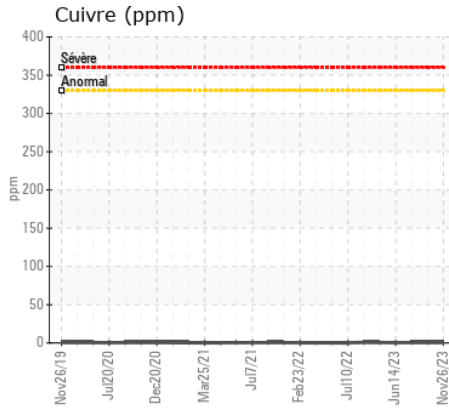
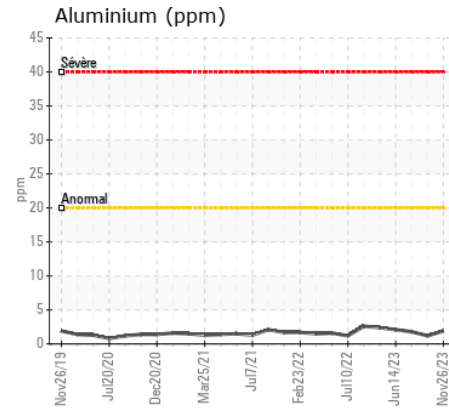
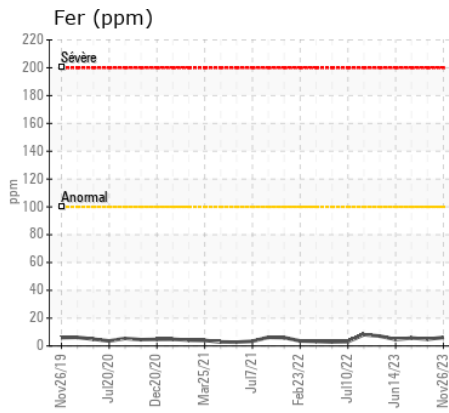
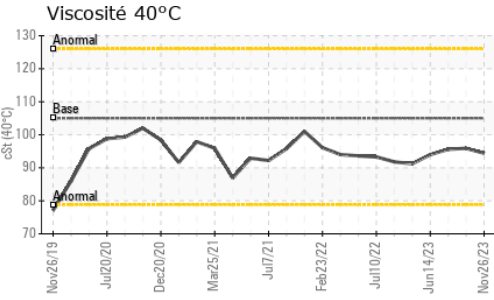
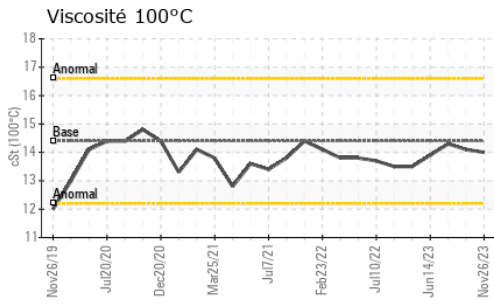
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	7	3
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
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</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.7</b>	7.2	7.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.4</b>	19.5	21.0
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>2</b>	2	2
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	2	2
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	100	<b>60</b>	62	60
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>989</b>	1035	1020
Calcium	ppm	ASTM D5185(m)	3000	<b>1240</b>	1227	1278
Phosphore	ppm	ASTM D5185(m)	1150	<b>995</b>	1022	1077
Zinc	ppm	ASTM D5185(m)	1350	<b>1232</b>	1287	1281
Soufre	ppm	ASTM D5185(m)	4250	<b>2480</b>	2532	2585
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.3</b>	15.8	16.4
Visc 40°C	cSt	ASTM D7279(m)	105	<b>94.4</b>	95.9	95.6
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>14.0</b>	14.1	14.3
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>151</b>	150	154



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0082063 **Reçu** : 27 Nov 2023 270 RUE BRUNET  
**N° de laboratoire** : 02598940 **Diagnostiqué** : 27 Nov 2023 MONT ST-HILAIRE, QC  
**Numéro unique** : 5684020 **Diagnostiqueur** : Wes Davis CA J3H 0M6  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI) Contact: Martin Trudel

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.

mtrudel@michaudville.com

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