



Secteur  
**MICHAUDVILLE**  
Identité de la machine  
**1202**

Composant  
**Moteur diesel**  
Fluide  
**DIESEL ENGINE OIL SAE 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>PC0082530</b>	PC0075804	PC0056596
Date d'échant.		Client Info		<b>21 Nov 2023</b>	07 Jun 2023	24 Jan 2023
Âge d la Machine	hrs	Client Info		<b>12197</b>	11736	270956
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>8</b>	7	11
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	2	3
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>1</b>	<1	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

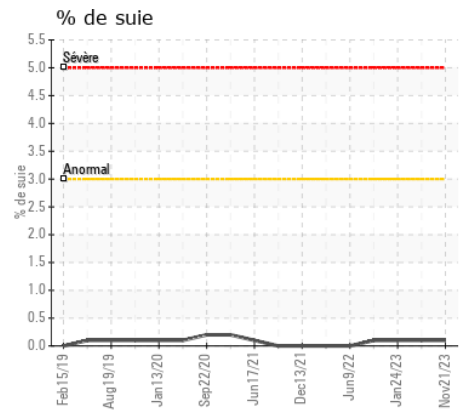
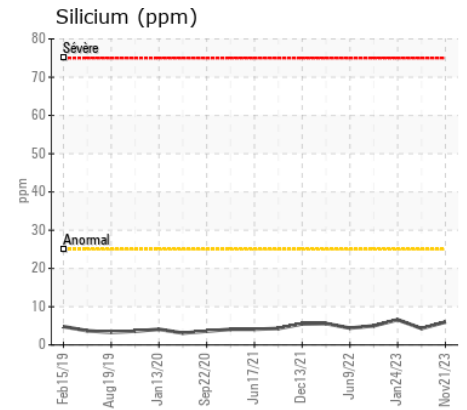
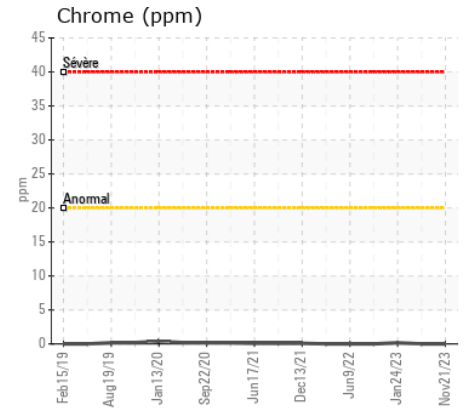
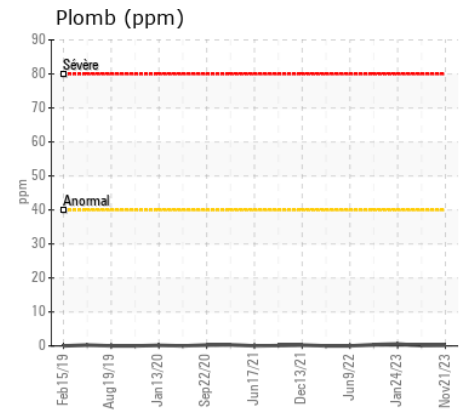
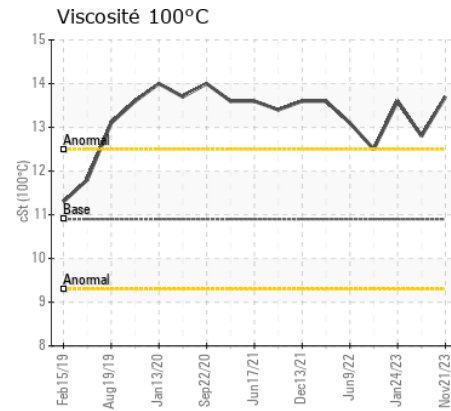
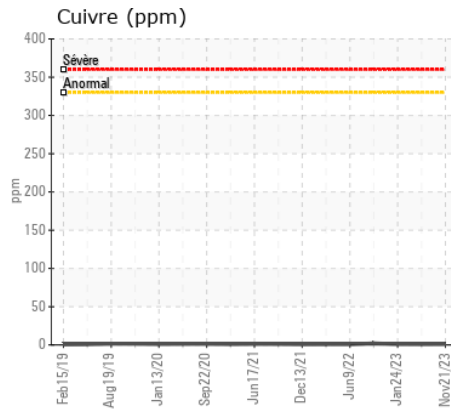
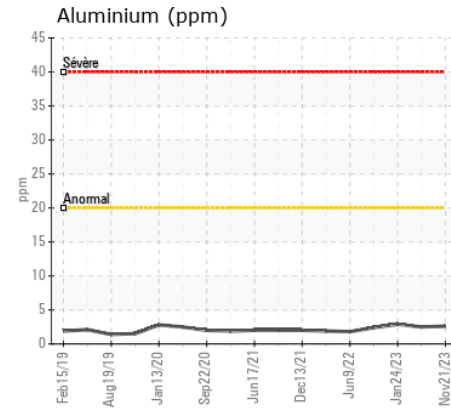
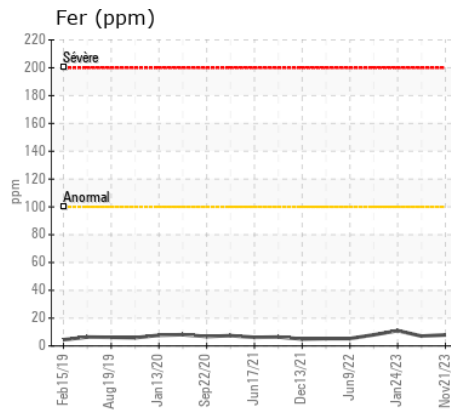
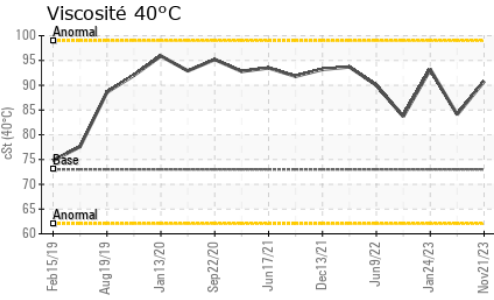
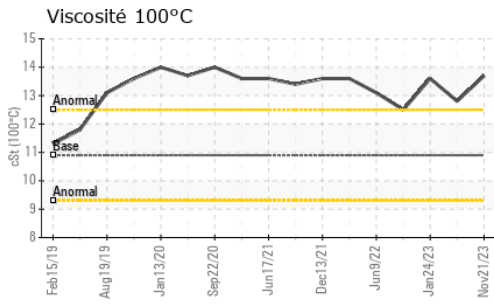
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	4	7
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	1	<1
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	0.1
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.3</b>	7.2	7.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.0</b>	20.3	20.1
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>	1	2
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	6	2
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>55</b>	56	57
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>902</b>	892	940
Calcium	ppm	ASTM D5185(m)	3000	<b>1135</b>	1334	1185
Phosphore	ppm	ASTM D5185(m)	1150	<b>990</b>	1110	1079
Zinc	ppm	ASTM D5185(m)	1350	<b>1177</b>	1203	1217
Soufre	ppm	ASTM D5185(m)	4250	<b>2590</b>	2855	2680
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.5</b>	15.8	15.2
Visc 40°C	cSt	ASTM D7279(m)	73	<b>90.8</b>	84.1	93.2
Visc 100°C	cSt	ASTM D7279(m)	10.9	<b>13.7</b>	12.8	13.6
Indice de viscosité (VI)	Scale	ASTM D2270*	138	<b>153</b>	151	147



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0082530 **Reçu** : 22 Nov 2023  
**N° de laboratoire** : 02598115 **Diagnostiqué** : 22 Nov 2023  
**Numéro unique** : 5683195 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, 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: