



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur  
**MICHAUDVILLE**  
Identité de la machine  
**1154**

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>PC0071014</b>	PC0072122	PC0071976
Date d'échant.		Client Info		<b>08 Aug 2023</b>	24 May 2023	09 Feb 2023
Âge d la Machine	hrs	Client Info		<b>8177</b>	1623	7241
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>13</b>	18	16
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	<1
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>	4	4
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	2	2
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

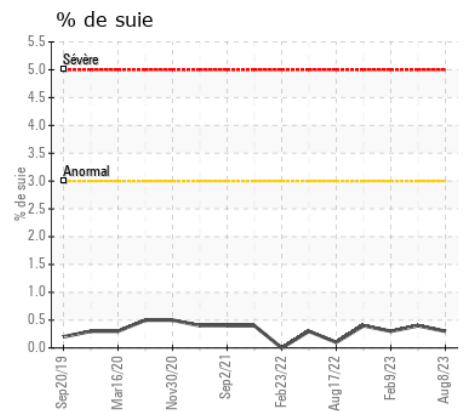
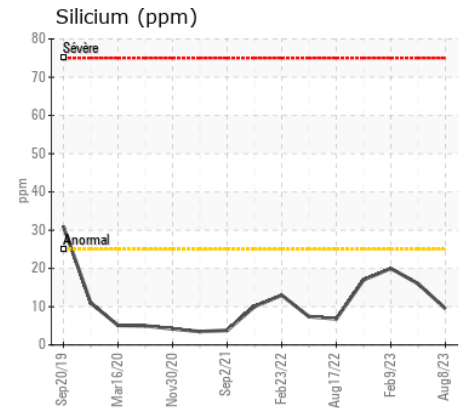
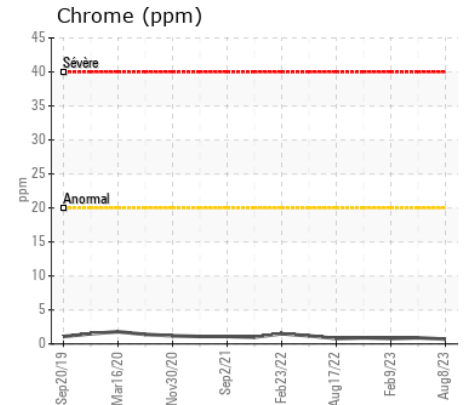
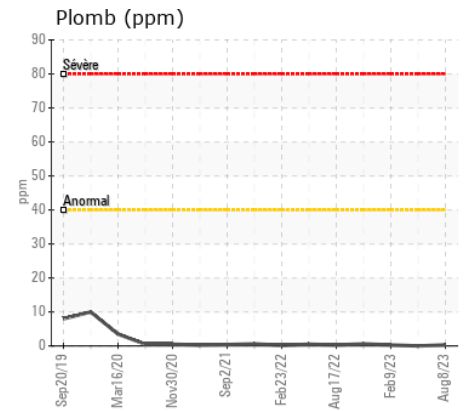
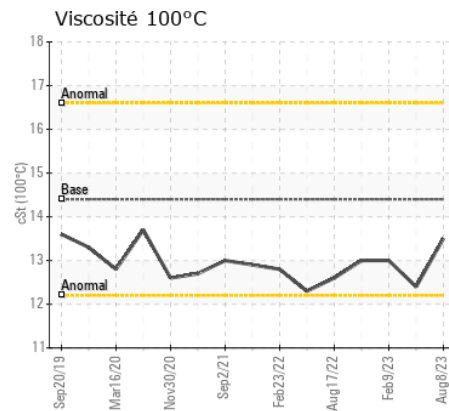
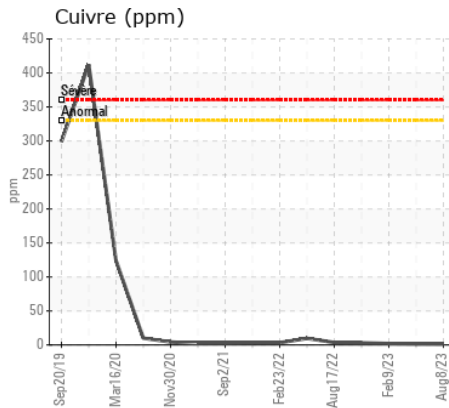
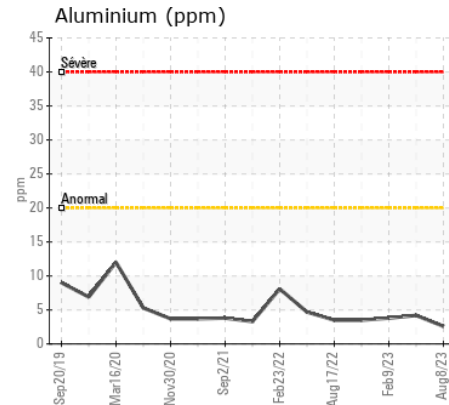
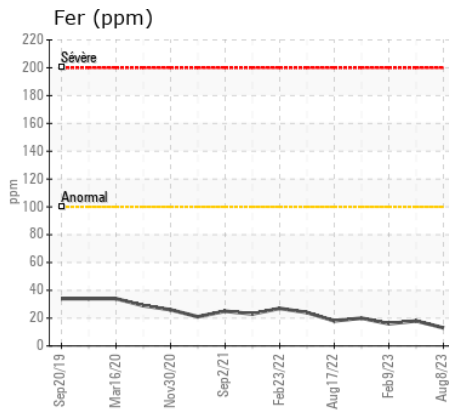
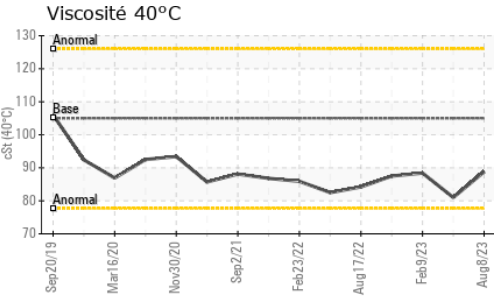
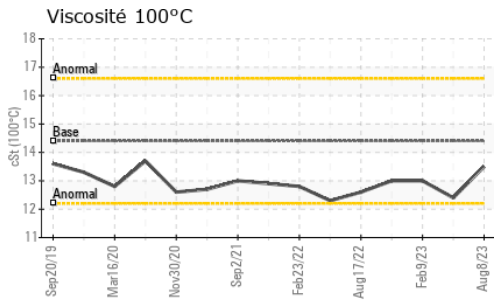
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>10</b>	16	20
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	2
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.3</b>	0.4	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.6</b>	9.6	9.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.7</b>	21.5	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>6</b>	6	6
Bore	ppm	ASTM D5185(m)	250	<b>1</b>	5	1
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>54</b>	54	59
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>894</b>	837	958
Calcium	ppm	ASTM D5185(m)	3000	<b>1138</b>	1242	1131
Phosphore	ppm	ASTM D5185(m)	1150	<b>1057</b>	1036	1077
Zinc	ppm	ASTM D5185(m)	1350	<b>1176</b>	1150	1220
Soufre	ppm	ASTM D5185(m)	4250	<b>2578</b>	2582	2632
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.1</b>	18.1	16.9
Visc 40°C	cSt	ASTM D7279(m)	105	<b>88.8</b>	81.0	88.4
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.5</b>	12.4	13.0
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>153</b>	150	146



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0071014 **Reçu** : 09 Aug 2023  
**N° de laboratoire** : 02574760 **Diagnostiqué** : 09 Aug 2023  
**Numéro unique** : 5619811 **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: