



Identité de la machine

**55103**

Composant

**Moteur diesel**

Fluide

**DIESEL ENGINE OIL SAE 5W40 (--- 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>PC0077717</b>	PC0060707	PC0056827
Date d'échant.		Client Info		<b>28 Aug 2023</b>	02 Nov 2022	22 Dec 2021
Âge d la Machine	hrs	Client Info		<b>2935</b>	2468	1971
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>11</b>	15	12
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	1
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	2	0
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	2	2
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

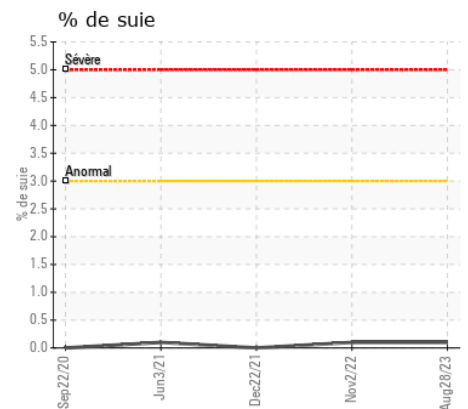
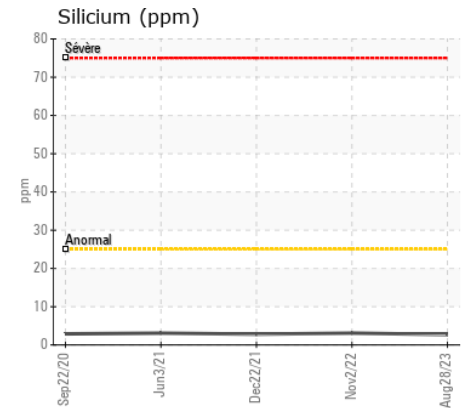
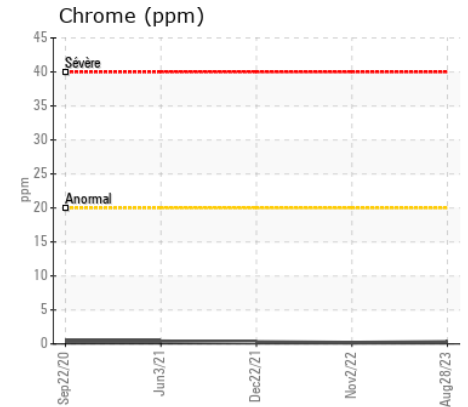
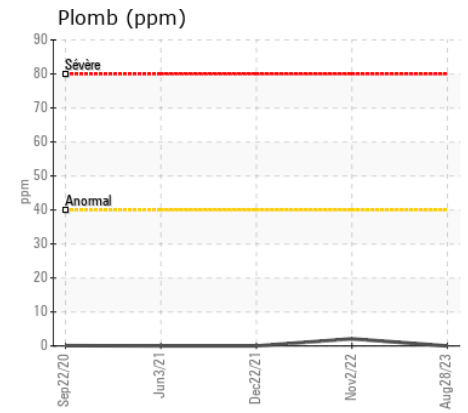
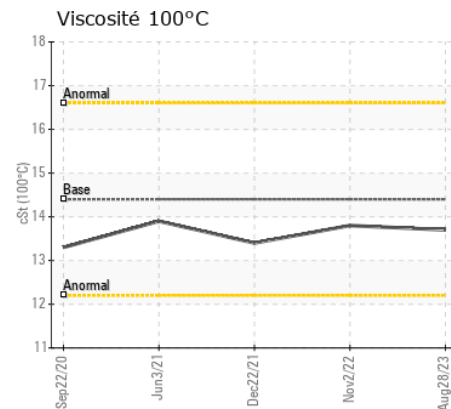
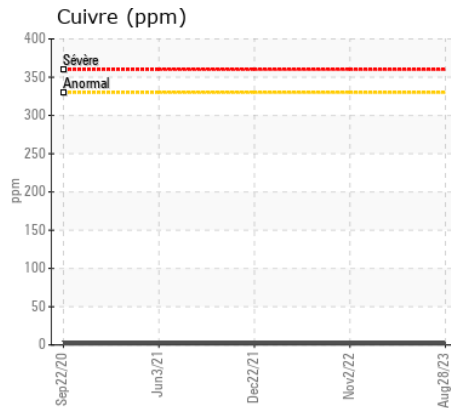
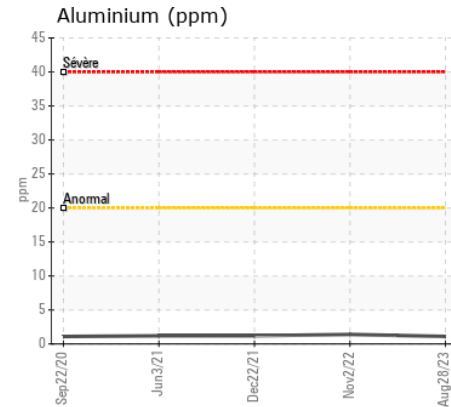
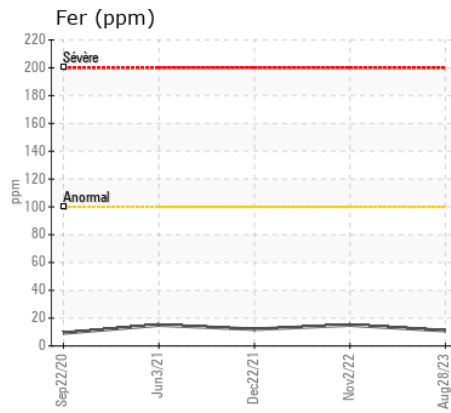
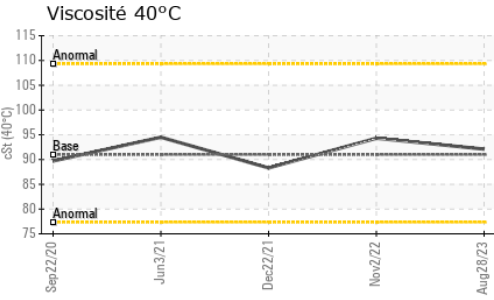
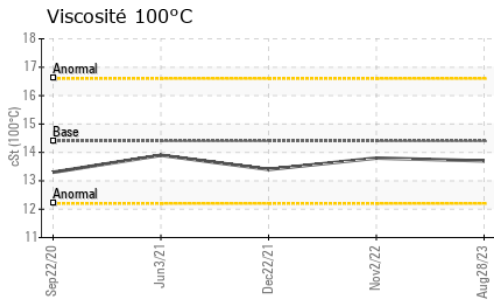
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	3	3
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	<1
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>0.1</b>	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.7</b>	8.2	7.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.9</b>	20.1	20.8
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)	>44	<b>2</b>	2	2
Bore	ppm	ASTM D5185(m)	250	<b>&lt;1</b>	2	2
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>57</b>	58	53
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>960</b>	951	926
Calcium	ppm	ASTM D5185(m)	3000	<b>1084</b>	1094	1131
Phosphore	ppm	ASTM D5185(m)	1150	<b>1047</b>	1090	1025
Zinc	ppm	ASTM D5185(m)	1350	<b>1190</b>	1202	1198
Soufre	ppm	ASTM D5185(m)	4250	<b>2561</b>	2579	2563
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.9</b>	16.0	16.3
Visc 40°C	cSt	ASTM D7279(m)	91	<b>92.1</b>	94.3	88.3
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.7</b>	13.8	13.4
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>151</b>	148	153



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**  
**N° d'échantillon** : PC0077717 **Reçu** : 29 Aug 2023 270 RUE BRUNET  
**N° de laboratoire** : 02578994 **Diagnostiqué** : 29 Aug 2023 MONT ST-HILAIRE, QC  
**Numéro unique** : 5632054 **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

T:

F: