



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

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>PC0082447</b>	PC0071014	PC0072122
Date d'échant.		Client Info		<b>31 Oct 2023</b>	08 Aug 2023	24 May 2023
Âge d la Machine	hrs	Client Info		<b>8735</b>	8177	1623
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>18</b>	13	18
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	3	4
Plomb	ppm	ASTM D5185(m)	>40	<b>1</b>	<1	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**

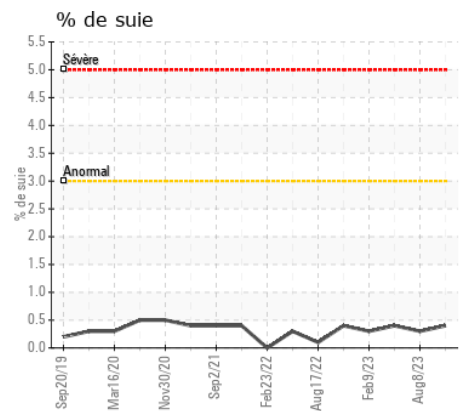
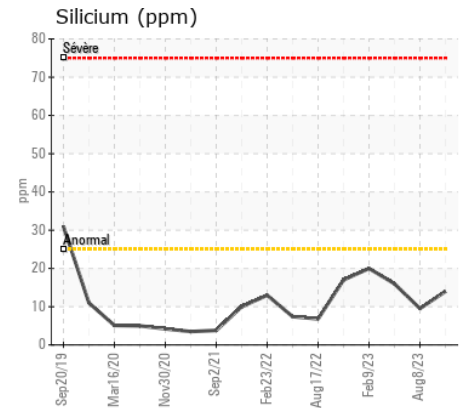
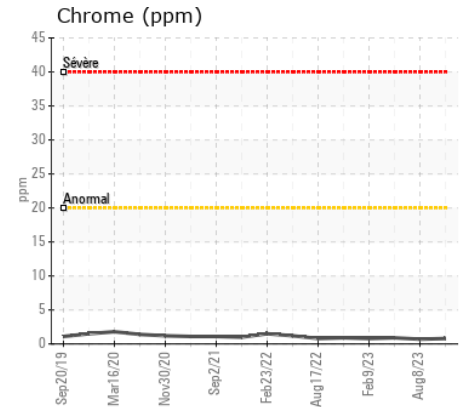
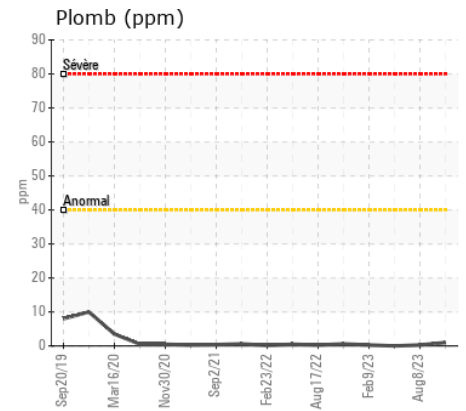
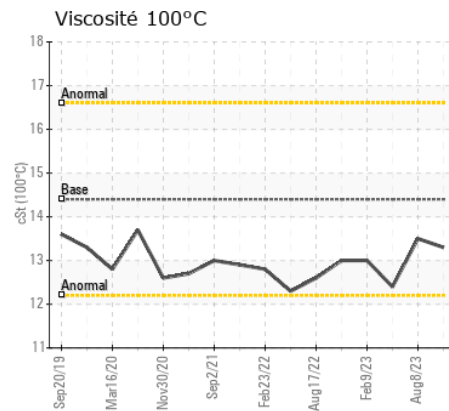
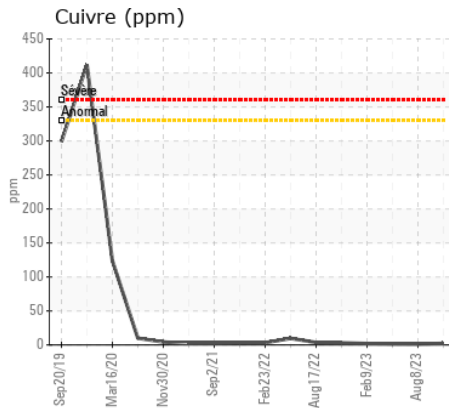
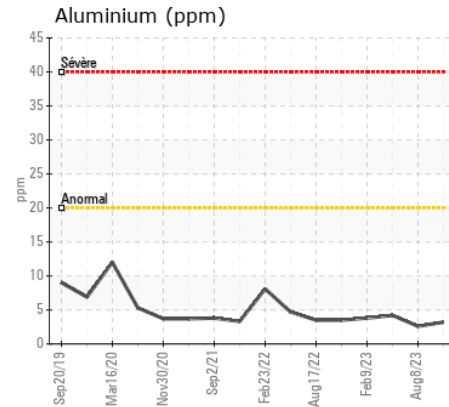
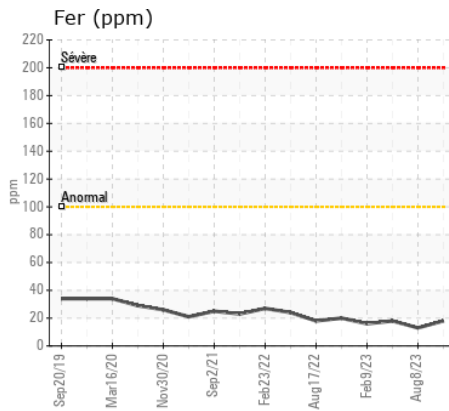
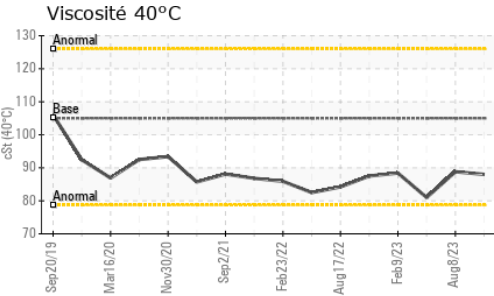
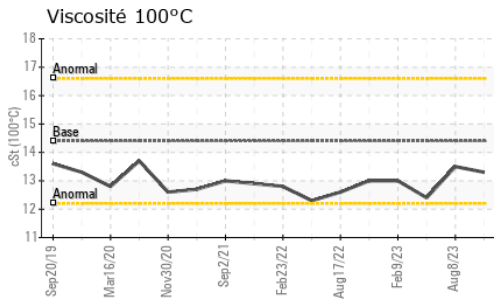
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>14</b>	10	16
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</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>0.4</b>	0.3	0.4
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.9</b>	8.6	9.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.1</b>	21.7	21.5
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>3</b>	6	6
Bore	ppm	ASTM D5185(m)	250	<b>1</b>	1	5
Baryum	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>59</b>	54	54
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>941</b>	894	837
Calcium	ppm	ASTM D5185(m)	3000	<b>1106</b>	1138	1242
Phosphore	ppm	ASTM D5185(m)	1150	<b>990</b>	1057	1036
Zinc	ppm	ASTM D5185(m)	1350	<b>1197</b>	1176	1150
Soufre	ppm	ASTM D5185(m)	4250	<b>2427</b>	2578	2582
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>18.2</b>	17.1	18.1
Visc 40°C	cSt	ASTM D7279(m)	105	<b>88.0</b>	88.8	81.0
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.3</b>	13.5	12.4
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>152</b>	153	150



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0082447 **Reçu** : 01 Nov 2023  
**N° de laboratoire** : 02593185 **Diagnostiqué** : 01 Nov 2023  
**Numéro unique** : 5670264 **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.

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