



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

Secteur  
**MICHAUDVILLE**  
Identité de la machine  
**5105**

Composant  
**Moteur diesel**  
Fluid  
**DIESEL ENGINE OIL SAE 10W30 (--- LTR)**

**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>PC0077674</b>	PC0066219	PC0058787
Date d'échant.		Client Info		<b>19 Dec 2023</b>	09 Feb 2023	24 Mar 2022
Âge d la Machine	hrs	Client Info		<b>1356</b>	984	514
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>29</b>	31	34
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
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>4</b>	4	5
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>3</b>	4	8
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

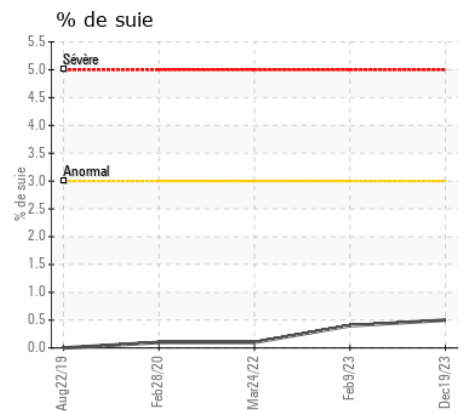
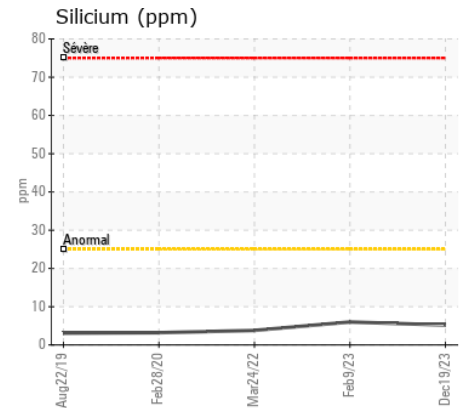
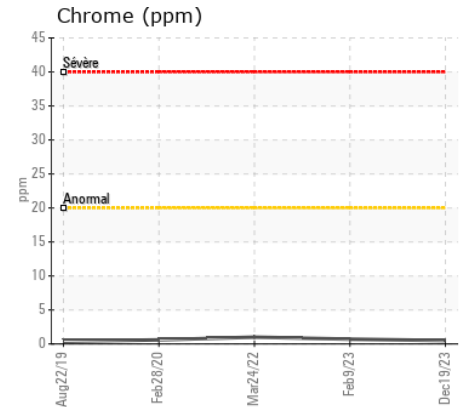
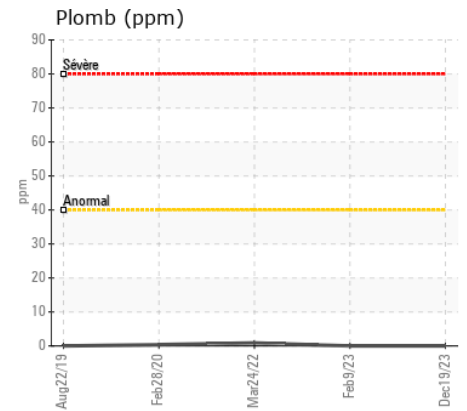
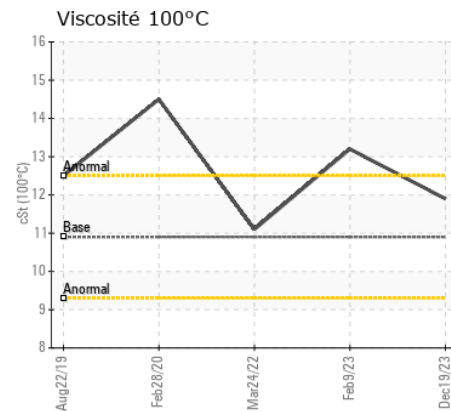
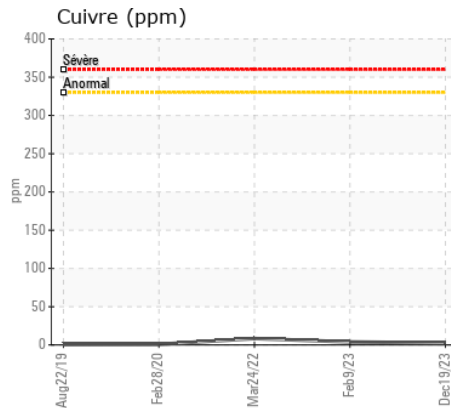
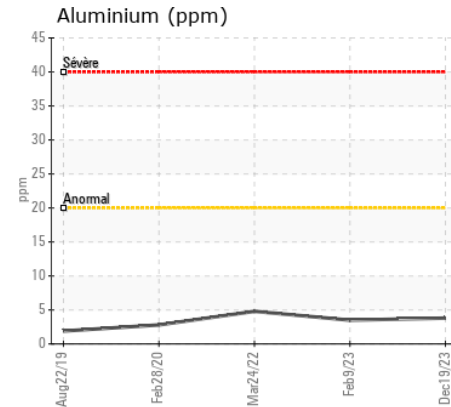
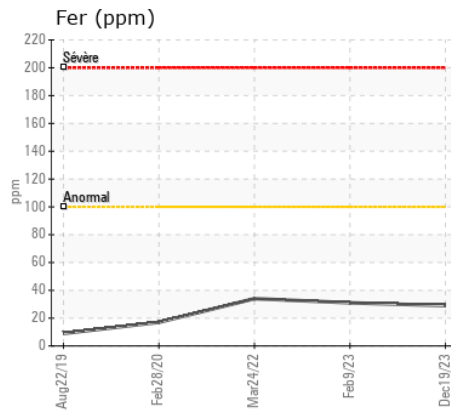
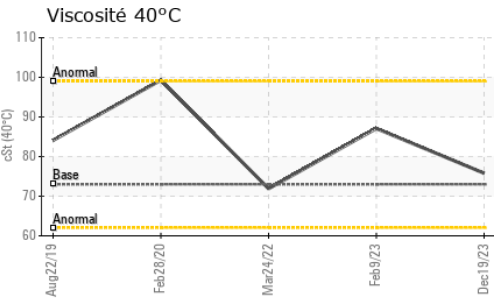
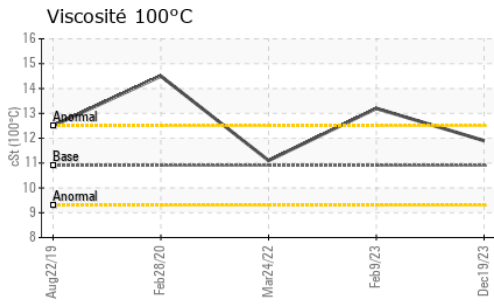
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>5</b>	6	4
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
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>0.5</b>	0.4	0.1
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.3</b>	7.0	7.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.0</b>	20.0	19.4
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>	10	3
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	3	43
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	1
Molybdène	ppm	ASTM D5185(m)	100	<b>55</b>	58	31
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	2
Magnésium	ppm	ASTM D5185(m)	450	<b>896</b>	929	403
Calcium	ppm	ASTM D5185(m)	3000	<b>1036</b>	1144	1574
Phosphore	ppm	ASTM D5185(m)	1150	<b>945</b>	1063	967
Zinc	ppm	ASTM D5185(m)	1350	<b>1120</b>	1165	1105
Soufre	ppm	ASTM D5185(m)	4250	<b>2538</b>	2619	2716
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>13.3</b>	13.4	13.4
Visc 40°C	cSt	ASTM D7279(m)	73	<b>75.8</b>	87.1	71.9
Visc 100°C	cSt	ASTM D7279(m)	10.9	<b>11.9</b>	13.2	11.1
Indice de viscosité (VI)	Scale	ASTM D2270*	138	<b>152</b>	152	145



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0077674 **Reçu** : 20 Dec 2023  
**N° de laboratoire** : 02604305 **Diagnostiqué** : 20 Dec 2023  
**Numéro unique** : 5697390 **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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