



Secteur

**MICHAUDVILLE**

Identité de la machine

**1581**

Composant

**Transmission Manuelle**

Fluide

**NOT GIVEN (--- GAL)**

**RECOMMENDATION**

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0072209</b>	PC0070833	PC0064972
Date d'échant.		Client Info		<b>06 Jul 2023</b>	16 Apr 2023	07 Dec 2022
Âge d la Machine	hrs	Client Info		<b>25923</b>	25621	25186
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>ATTENTION</b>	ATTENTION	ATTENTION

**USURE**

Copper ppm levels are noted. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>200	<b>151</b>	143	83
Chrome	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>&lt;1</b>	1	<1
Argent	ppm	ASTM D5185(m)	>7	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>25	<b>7</b>	8	4
Plomb	ppm	ASTM D5185(m)	>45	<b>7</b>	7	6
Cuivre	ppm	ASTM D5185(m)	>225	<b>▲ 286</b>	▲ 265	▲ 233
Étain	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	VLITE	VLITE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

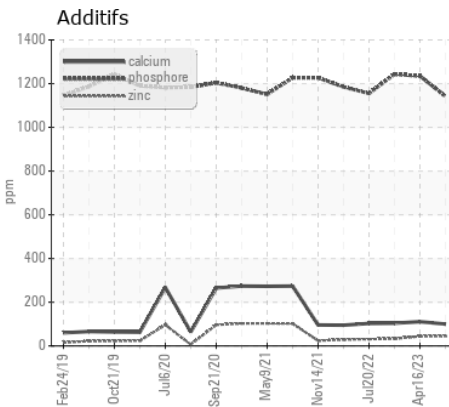
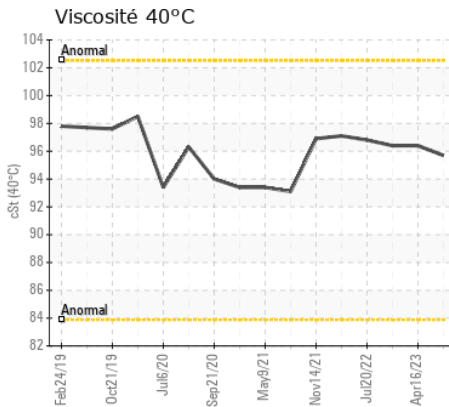
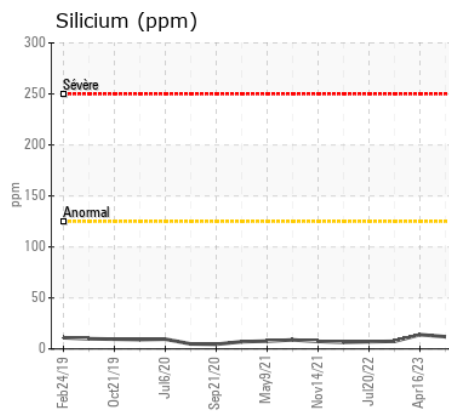
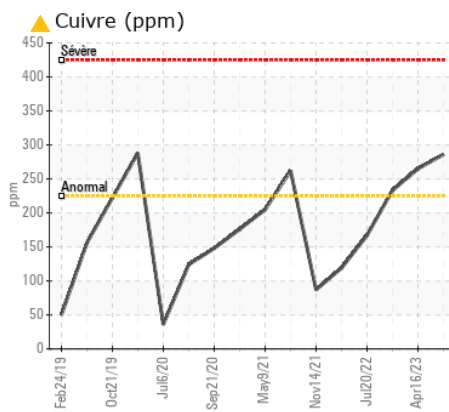
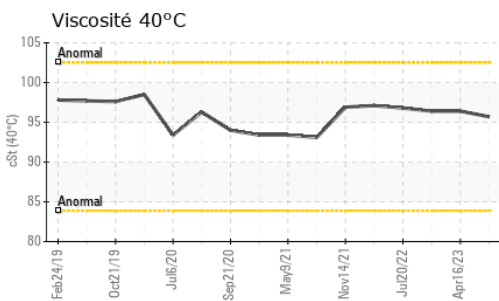
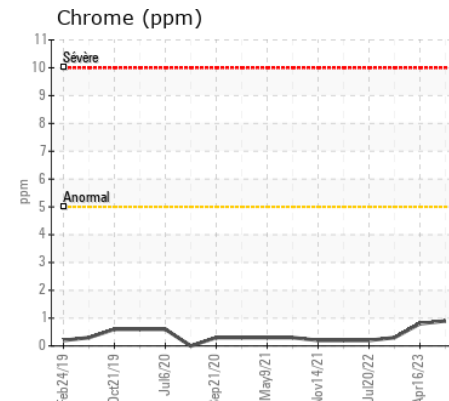
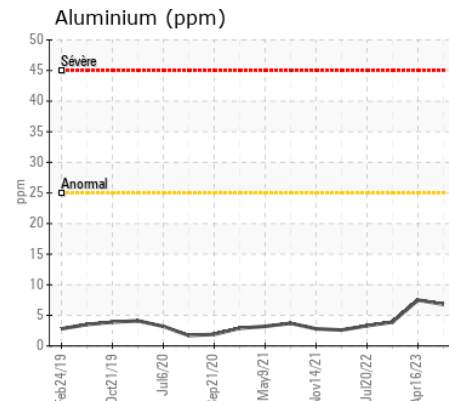
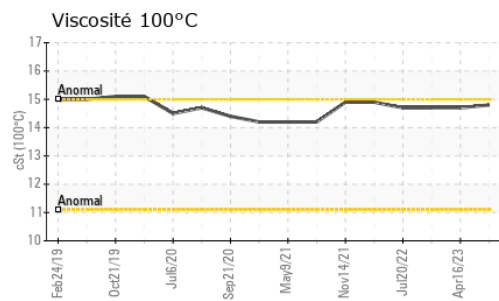
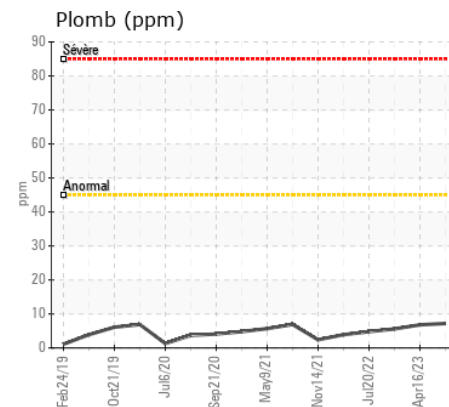
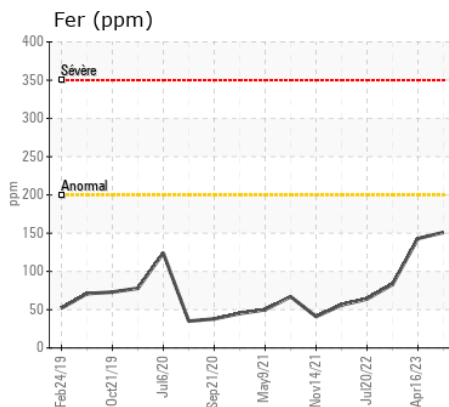
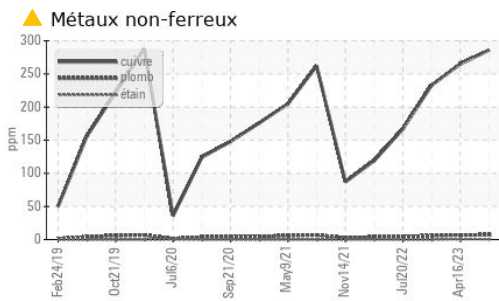
There is no indication of any contamination in the fluid.

Silicium	ppm	ASTM D5185(m)	>125	<b>12</b>	14	8
Potassium	ppm	ASTM D5185(m)	>20	<b>11</b>	12	3
Limon	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>32</b>	36	11
Bore	ppm	ASTM D5185(m)		<b>161</b>	184	200
Baryum	ppm	ASTM D5185(m)		<b>2</b>	2	<1
Molybdène	ppm	ASTM D5185(m)		<b>5</b>	6	1
Manganèse	ppm	ASTM D5185(m)		<b>4</b>	3	2
Magnésium	ppm	ASTM D5185(m)		<b>5</b>	4	3
Calcium	ppm	ASTM D5185(m)		<b>100</b>	111	104
Phosphore	ppm	ASTM D5185(m)		<b>1142</b>	1235	1243
Zinc	ppm	ASTM D5185(m)		<b>45</b>	44	33
Soufre	ppm	ASTM D5185(m)		<b>468</b>	535	566
Visc 40°C	cSt	ASTM D7279(m)		<b>95.7</b>	96.4	96.4
Visc 100°C	cSt	ASTM D7279(m)		<b>14.8</b>	14.7	14.7
Indice de viscosité (VI)	Scale	ASTM D2270*		<b>161</b>	158	158



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0072209 **Reçu** : 07 Jul 2023  
**N° de laboratoire** : 02568581 **Diagnostiqué** : 10 Jul 2023  
**Numéro unique** : 5605627 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1 ( Additional Tests: KV100, 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.  
 Validity of results and interpretation are based on the sample and information as supplied.

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