



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

Identité de la machine

**5017**

Composant

**Différentiel Arrière**

Fluid

**TDTO FLUID SAE 30 (--- GAL)**

**RECOMMENDATION**

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample.

**USURE**

Copper ppm levels are abnormal. Thrust washer and/or bearing/bushing wear is indicated.

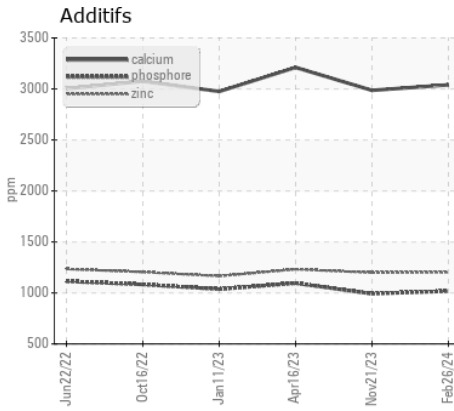
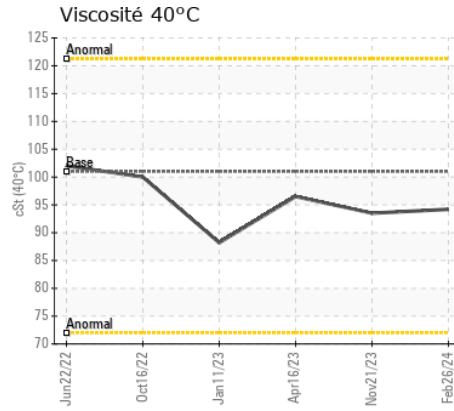
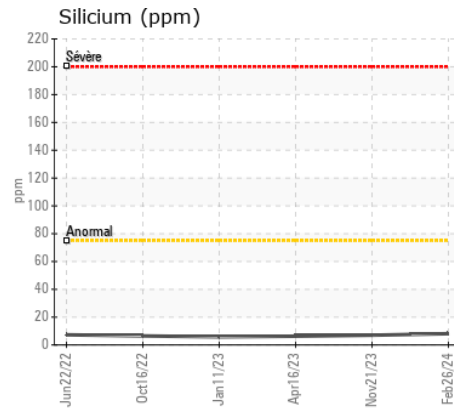
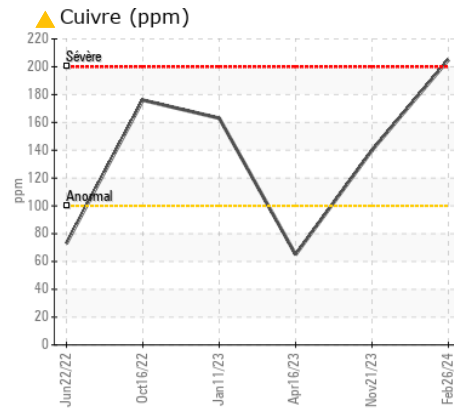
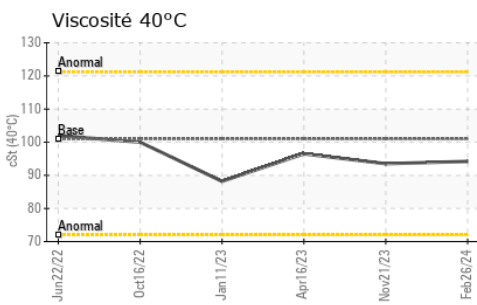
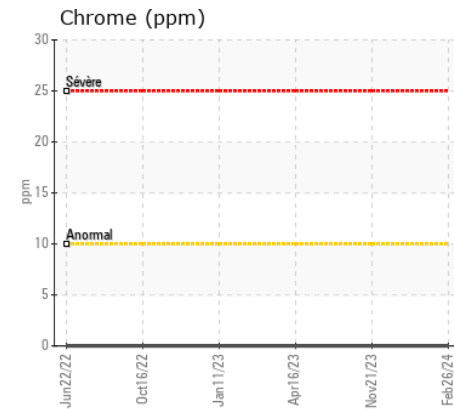
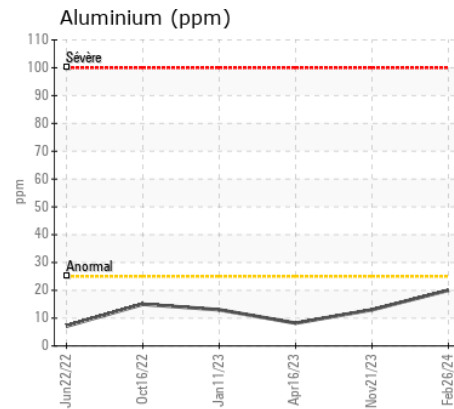
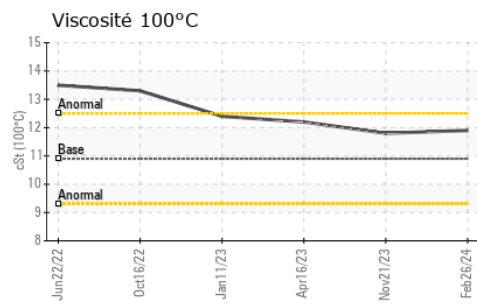
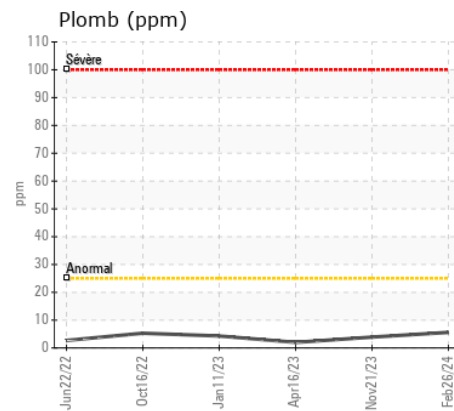
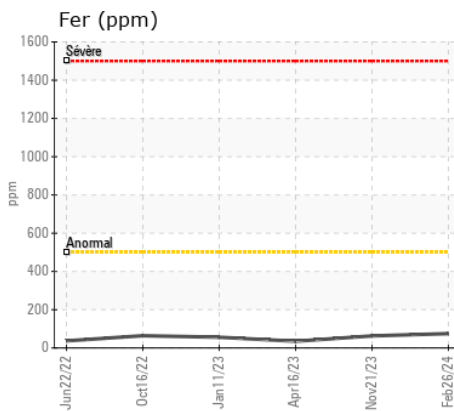
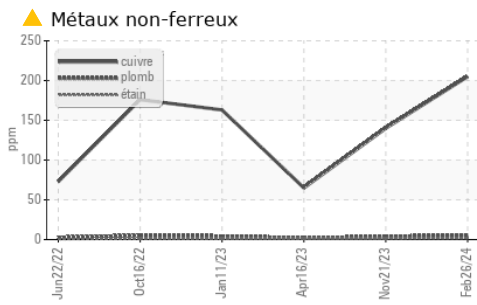
**CONTAMINATION**

There is no indication of any contamination in the oil.

**ÉTAT DU FLUIDE**

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0084371</b>	PC0082527	PC0070829
Date d'échant.		Client Info		<b>26 Feb 2024</b>	21 Nov 2023	16 Apr 2023
Âge d la Machine	hrs	Client Info		<b>21795</b>	21335	20458
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>ABNORMAL</b>	NORMAL	NORMAL
Fer	ppm	ASTM D5185(m)	>500	<b>75</b>	63	35
Chrome	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>10	<b>1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>25	<b>20</b>	13	8
Plomb	ppm	ASTM D5185(m)	>25	<b>6</b>	4	2
Cuivre	ppm	ASTM D5185(m)	>100	<b>▲ 205</b>	140	65
Étain	ppm	ASTM D5185(m)	>10	<b>1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>LIGHT</b>	NONE	LIGHT
Bronze	scalar	Visual*	NONE	<b>NONE</b>	LIGHT	NONE
Silicium	ppm	ASTM D5185(m)	>75	<b>8</b>	7	6
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	0	<1
L'eau		WC Method	>.2	<b>NEG</b>	NEG	NEG
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
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*	>.2	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>3</b>	3	2
Bore	ppm	ASTM D5185(m)	37	<b>15</b>	15	16
Baryum	ppm	ASTM D5185(m)	7	<b>0</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	5	<b>0</b>	<1	<1
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	40	<b>14</b>	12	13
Calcium	ppm	ASTM D5185(m)	2650	<b>3040</b>	2986	3211
Phosphore	ppm	ASTM D5185(m)	1050	<b>1018</b>	992	1096
Zinc	ppm	ASTM D5185(m)	1075	<b>1203</b>	1199	1232
Soufre	ppm	ASTM D5185(m)	5750	<b>5229</b>	4599	4979
Visc 40°C	cSt	ASTM D7279(m)	101	<b>94.2</b>	93.5	96.5
Visc 100°C	cSt	ASTM D7279(m)	10.9	<b>11.9</b>	11.8	12.2
Indice de viscosité (VI)	Scale	ASTM D2270*	90	<b>117</b>	116	118



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0084371  
**N° de laboratoire** : 02618457  
**Numéro unique** : 5735567  
**Analyse** : MOB 1 ( Additional Tests: KV100, VI )

**LES ENTREPRISES MICHAUVILLE INC.**  
 270 RUE BRUNET  
 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
 Contact: Martin Trudel  
 mtrudel@michaudville.com

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.