



Identité de la machine

**5016**

Composant

**Différentiel Avant**

Fluide

**SAE 90 (--- 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>PC0071015</b>	PC0066642	PC0060322
Date d'échant.		Client Info		<b>08 Aug 2023</b>	09 Aug 2022	17 May 2022
Âge d la Machine	hrs	Client Info		<b>10279</b>	9521	9141
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)	>500	<b>159</b>	49	42
Chrome	ppm	ASTM D5185(m)	>10	<b>4</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>2</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Argent	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>25	<b>4</b>	1	1
Plomb	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>100	<b>43</b>	2	1
Étain	ppm	ASTM D5185(m)	>10	<b>1</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	LIGHT	NONE
Bronze	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE

**CONTAMINATION**

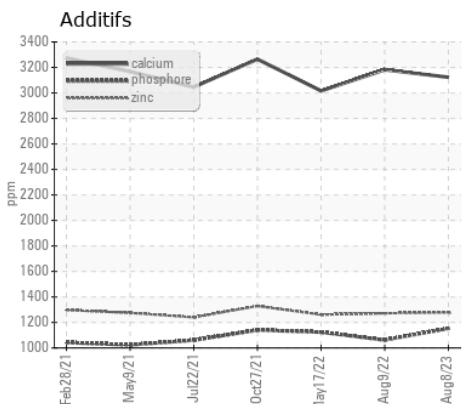
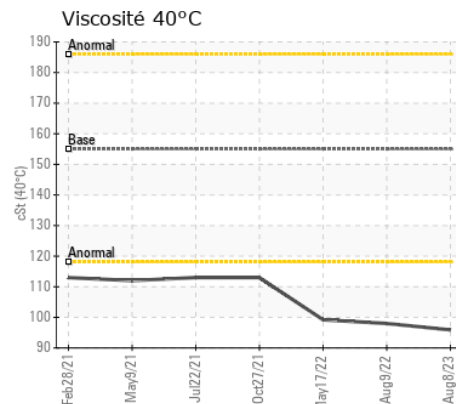
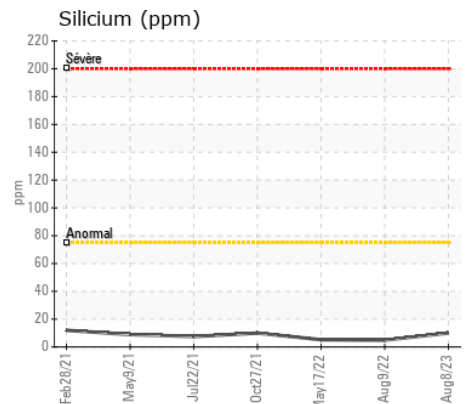
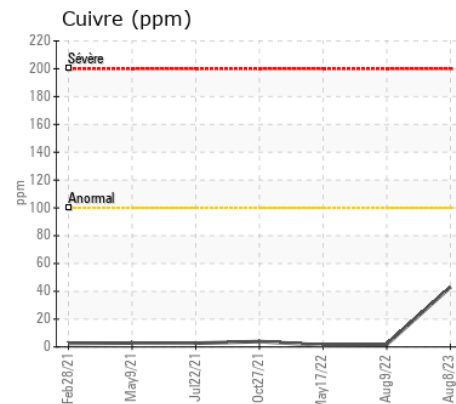
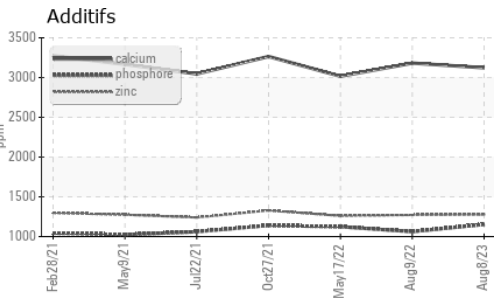
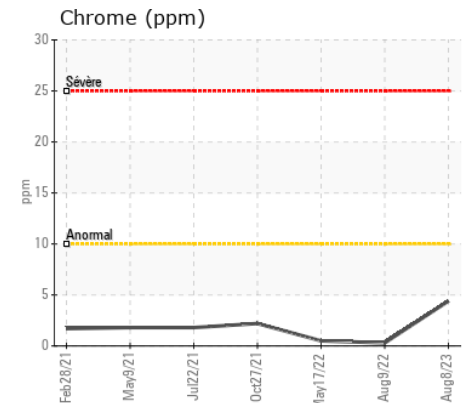
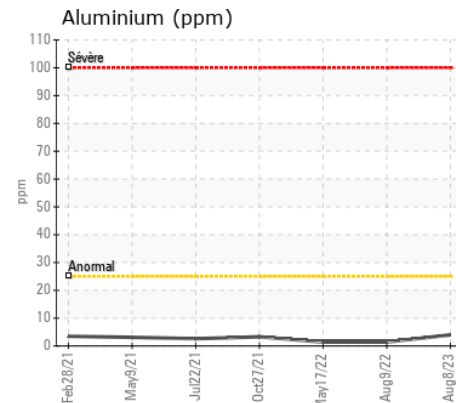
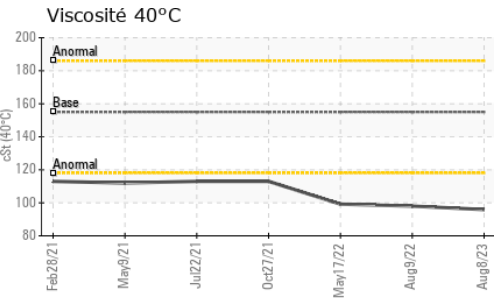
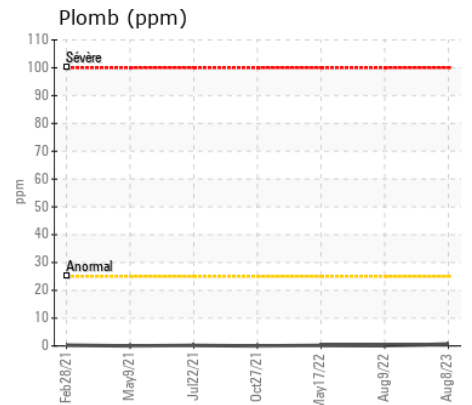
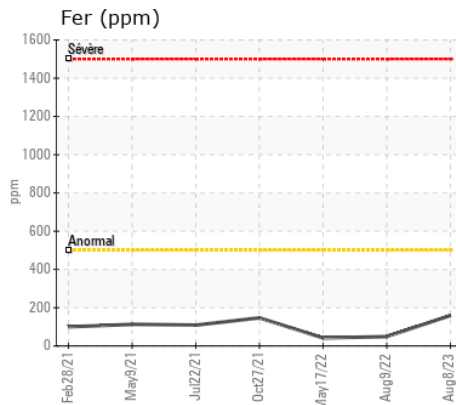
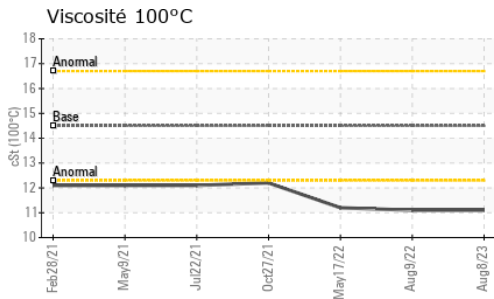
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>75	<b>10</b>	5	5
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	0
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	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*	>.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>1</b>	2	1
Bore	ppm	ASTM D5185(m)		<b>&lt;1</b>	1	<1
Baryum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Manganèse	ppm	ASTM D5185(m)		<b>2</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)		<b>11</b>	10	10
Calcium	ppm	ASTM D5185(m)		<b>3123</b>	3182	3016
Phosphore	ppm	ASTM D5185(m)		<b>1153</b>	1062	1124
Zinc	ppm	ASTM D5185(m)		<b>1277</b>	1272	1261
Soufre	ppm	ASTM D5185(m)		<b>6888</b>	6609	6468
Visc 40°C	cSt	ASTM D7279(m)	155	<b>95.9</b>	98.0	99.2
Visc 100°C	cSt	ASTM D7279(m)	14.5	<b>11.1</b>	11.1	11.2
Indice de viscosité (VI)	Scale	ASTM D2270*	90	<b>100</b>	98	98



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0071015 **Reçu** : 09 Aug 2023 270 RUE BRUNET  
**N° de laboratoire** : 02574928 **Diagnostiqué** : 09 Aug 2023 MONT ST-HILAIRE, QC  
**Numéro unique** : 5619979 **Diagnostiqueur** : Wes Davis CA J3H 0M6  
**Analyse** : MOB 1 ( Additional Tests: KV100, VI ) Contact: Martin Trudel

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131. mtrudel@michaudville.com  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T:  
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: