



Identité de la machine

**F55066**

Composant

**Moteur diesel**

Fluide

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

**RECOMMENDATION**

Check for low coolant level. 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. 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>PC0082356</b>	---	---
Date d'échant.		Client Info		<b>02 Nov 2023</b>	---	---
Âge d la Machine	hrs	Client Info		<b>620</b>	---	---
Âge de l'huile	hrs	Client Info		<b>0</b>	---	---
Âge du filtre	hrs	Client Info		<b>0</b>	---	---
Huile changée		Client Info		<b>N/A</b>	---	---
Filtre changé		Client Info		<b>N/A</b>	---	---
Statut de l'échant.				<b>ABNORMAL</b>	---	---

**USURE**

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	<b>54</b>	---	---
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	---	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>5</b>	---	---
Plomb	ppm	ASTM D5185(m)	>40	<b>9</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>342</b>	---	---
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---

**CONTAMINATION**

Light fuel dilution occurring. Water treatment chemicals present, indicating slow coolant leak. Test for glycol is negative.

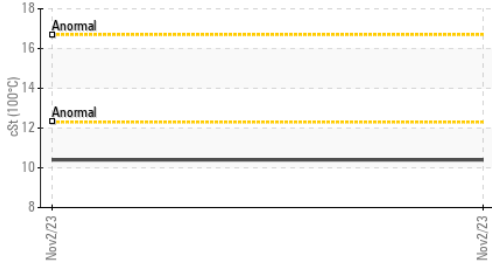
Silicium	ppm	ASTM D5185(m)	>25	<b>46</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>▲ 214</b>	---	---
Essence	%	ASTM D7593*	>5	<b>▲ 2.1</b>	---	---
Glycol	%	ASTM D7922*		<b>0.0</b>	---	---
% de suie	%	ASTM D7844*	>3	<b>0.4</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.9</b>	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.7</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	---	---

**ÉTAT DU FLUIDE**

Fuel is present in the oil and is lowering the viscosity. The condition of the oil is acceptable for the time in service (see recommendation).

Sodium	ppm	ASTM D5185(m)		<b>23</b>	---	---
Bore	ppm	ASTM D5185(m)		<b>157</b>	---	---
Baryum	ppm	ASTM D5185(m)		<b>8</b>	---	---
Molybdène	ppm	ASTM D5185(m)		<b>190</b>	---	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Magnésium	ppm	ASTM D5185(m)		<b>16</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>2470</b>	---	---
Phosphore	ppm	ASTM D5185(m)		<b>689</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>828</b>	---	---
Soufre	ppm	ASTM D5185(m)		<b>2120</b>	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.7</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)		<b>▲ 64</b>	---	---
Visc 100°C	cSt	ASTM D7279(m)		<b>▲ 10.4</b>	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*		<b>150</b>	---	---

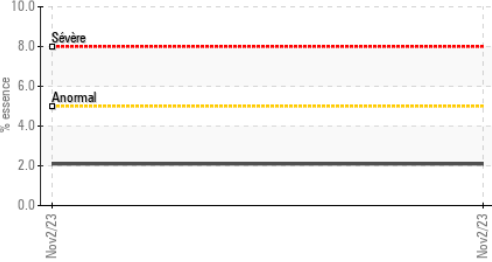
▲ Viscosité 100°C



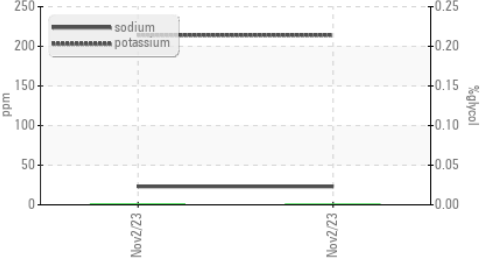
▲ Viscosité 40°C



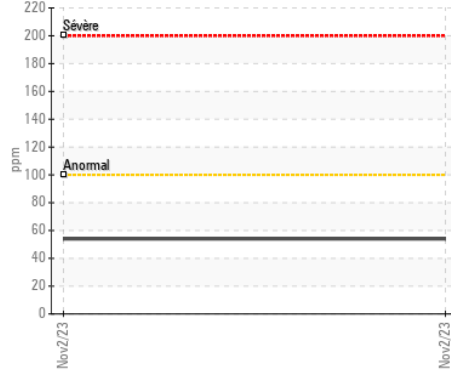
▲ Dilution par le carburant



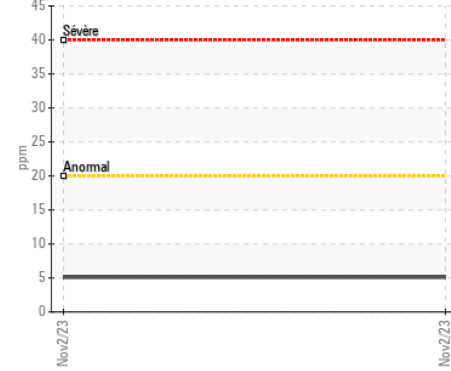
Contamination par le glycol



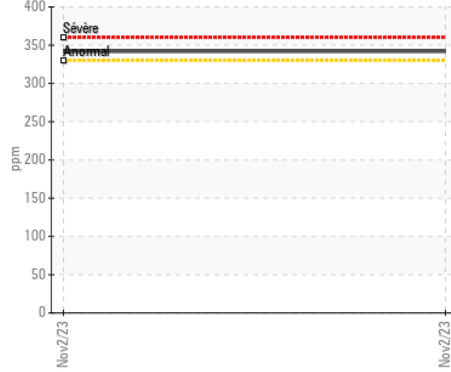
Fer (ppm)



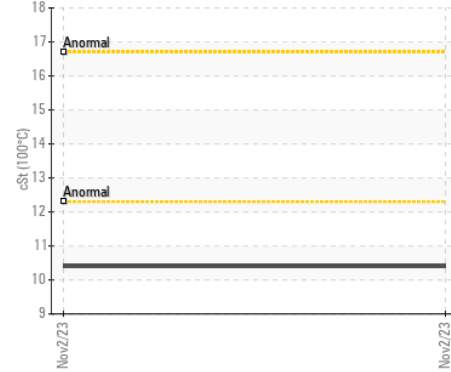
Aluminium (ppm)



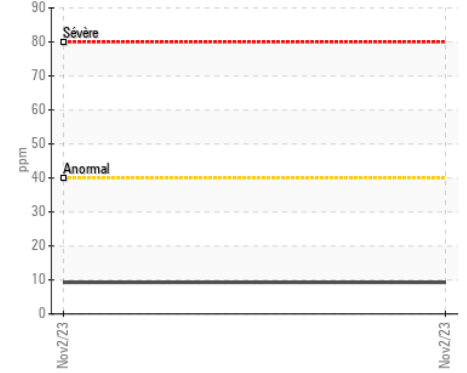
Cuivre (ppm)



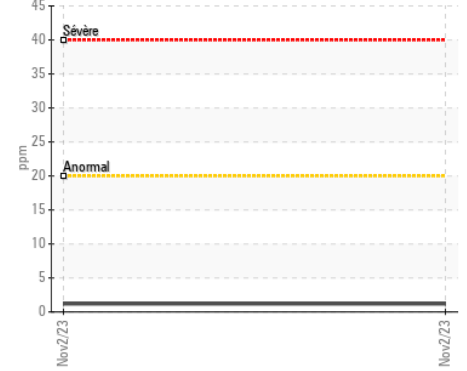
▲ Viscosité 100°C



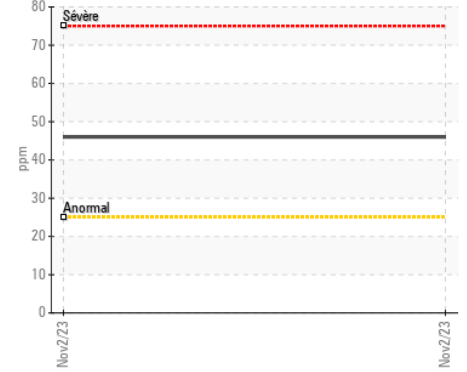
Plomb (ppm)



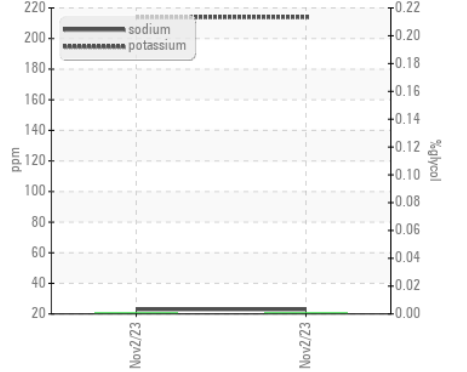
Chrome (ppm)



Silicium (ppm)



▲ Contamination par le glycol



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0082356 **Reçu** : 03 Nov 2023 270 RUE BRUNET  
**N° de laboratoire** : 02593854 **Diagnostiqué** : 06 Nov 2023 MONT ST-HILAIRE, QC  
**Numéro unique** : 5670933 **Diagnostiqueur** : Wes Davis CA J3H 0M6  
**Analyse** : MOB 1 ( Additional Tests: FuelDilution, Glycol, KV40, PercentFuel, VI ) Contact: Martin Trudel  
 mtrudel@michaudville.com

Pour discuter cetter 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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