



# RAPPORT D'ANALYSE D'HUILE

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

Secteur  
**MICHAUDVILLE**

Identité de la machine

**F5091**

Composant

**Moteur diesel**

Fluid

**DIESEL ENGINE OIL SAE 5W40 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 5W40. Please confirm.  
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>PC0083748</b>	---	---
Date d'échant.		Client Info		<b>19 Feb 2024</b>	---	---
Âge d la Machine	hrs	Client Info		<b>2628</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>NORMAL</b>	---	---

## USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	<b>15</b>	---	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;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>0</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	---	---
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	---	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---

## CONTAMINATION

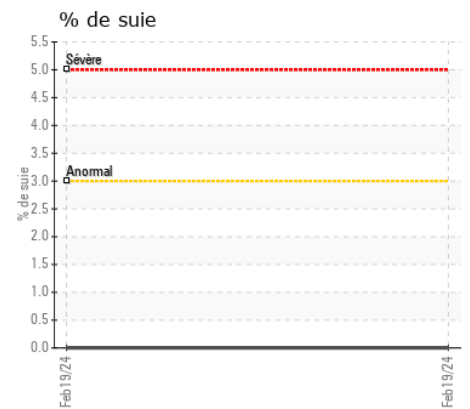
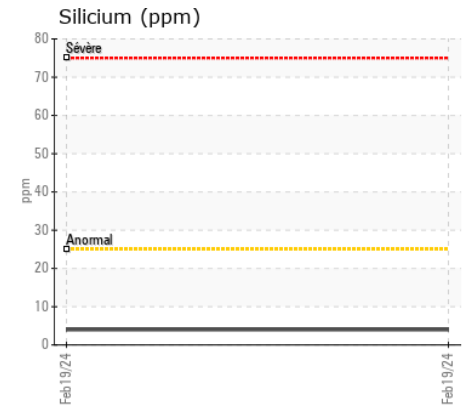
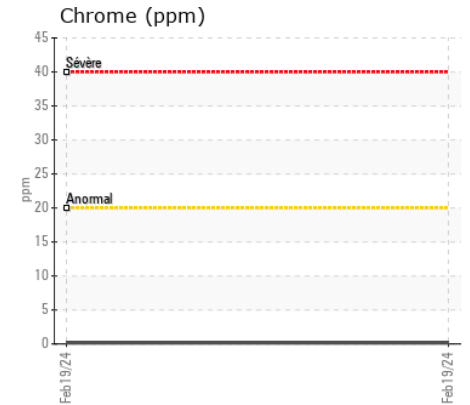
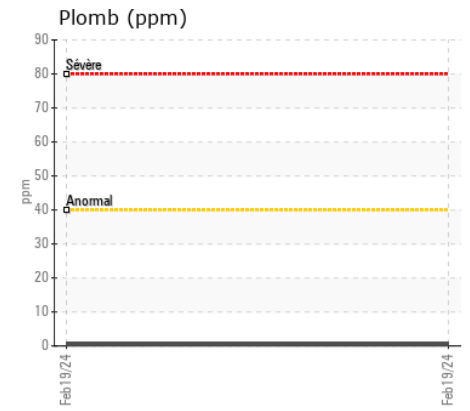
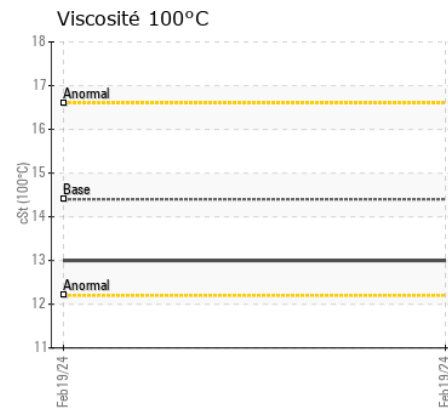
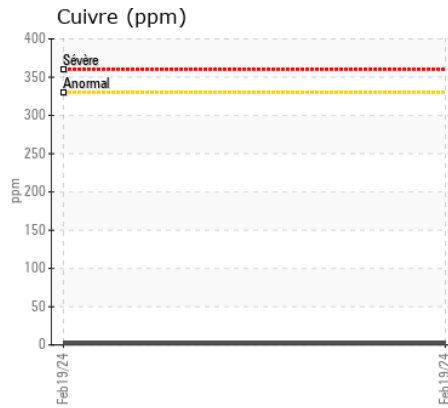
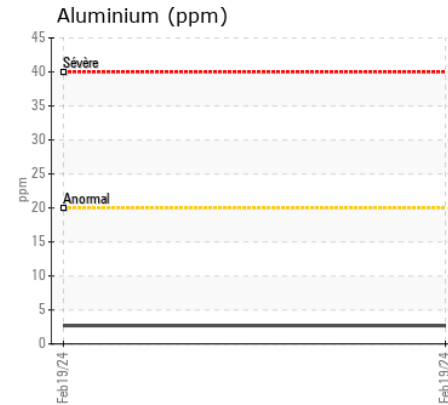
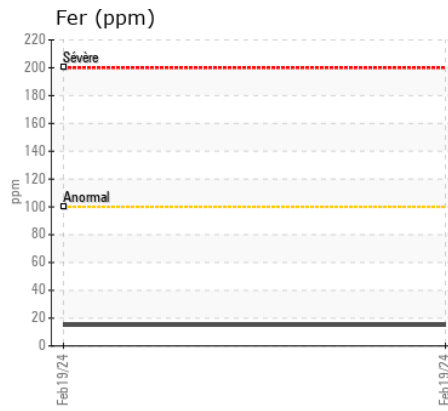
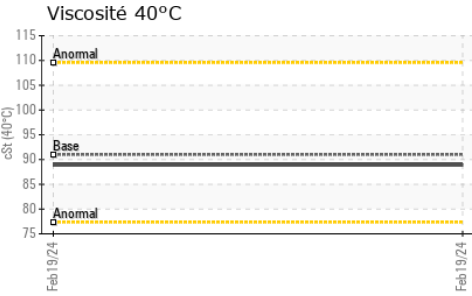
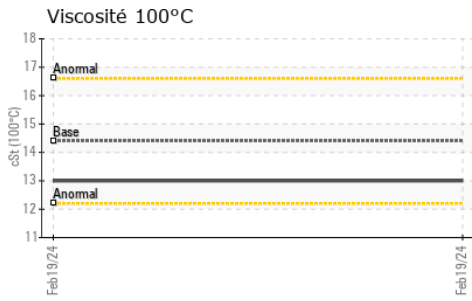
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>4</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Essence		WC Method	>5	<b>&lt;1.0</b>	---	---
L'eau		WC Method	>0.2	<b>NEG</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
% de suie	%	ASTM D7844*	>3	<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.7</b>	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.1</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	---	---

## ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>44	<b>3</b>	---	---
Bore	ppm	ASTM D5185(m)	250	<b>8</b>	---	---
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	---	---
Molybdène	ppm	ASTM D5185(m)	100	<b>52</b>	---	---
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnésium	ppm	ASTM D5185(m)	450	<b>855</b>	---	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1169</b>	---	---
Phosphore	ppm	ASTM D5185(m)	1150	<b>1007</b>	---	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1168</b>	---	---
Soufre	ppm	ASTM D5185(m)	4250	<b>2814</b>	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>13.9</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	91	<b>88.9</b>	---	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.0</b>	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>145</b>	---	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : PC0083748

**N° de laboratoire** : 02616520

**Numéro unique** : 5733630

**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**Reçu** : 20 Feb 2024

**Tested** : 20 Feb 2024

**Diagnostiqué** : 20 Feb 2024 - Wes Davis

**LES ENTREPRISES MICHAUDVILLE INC.**

270 RUE BRUNET

MONT ST-HILAIRE, QC

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T:

F:

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.