



Identité de la machine

**F90213**

Composant

**Moteur diesel**

Fluid

**DIESEL ENGINE OIL SAE 5W40 (--- 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>PC0083653</b>	PC0056478	---
Date d'échant.		Client Info		<b>08 Feb 2024</b>	09 Aug 2022	---
Âge d la Machine	hrs	Client Info		<b>1569</b>	1442	---
Âge de l'huile	hrs	Client Info		<b>0</b>	0	---
Âge du filtre	hrs	Client Info		<b>0</b>	0	---
Huile changée		Client Info		<b>N/A</b>	N/A	---
Filtre changé		Client Info		<b>N/A</b>	N/A	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

**USURE**

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	<b>12</b>	8	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	0	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	2	---
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	<1	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

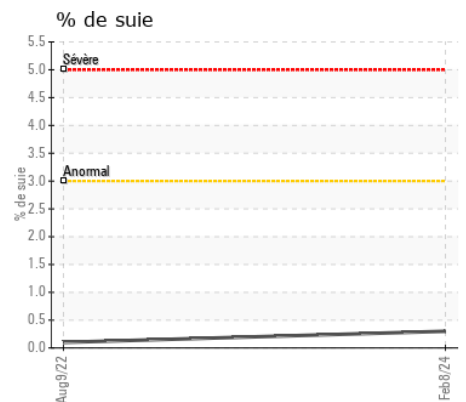
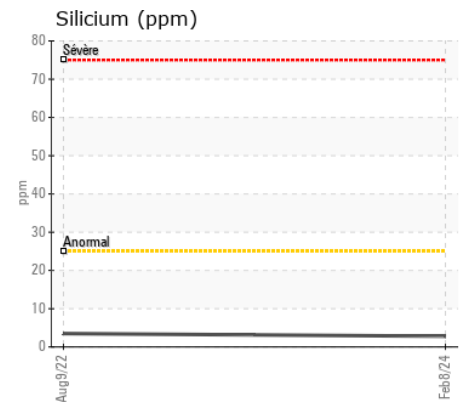
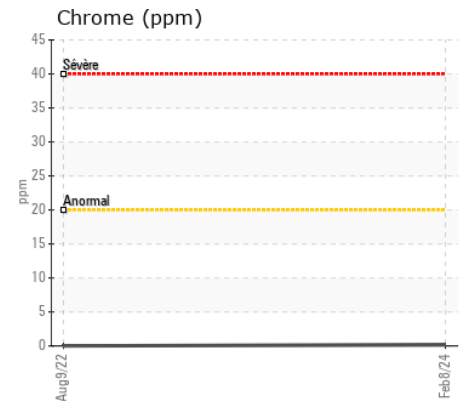
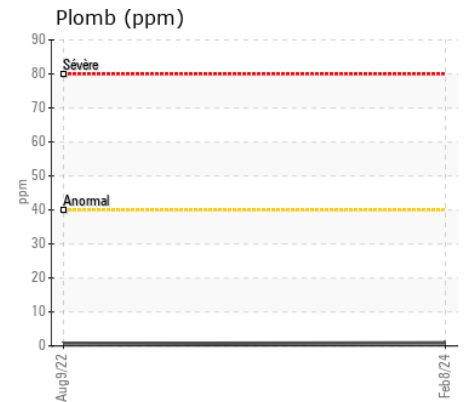
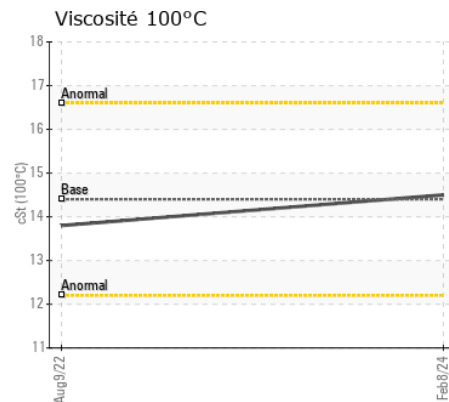
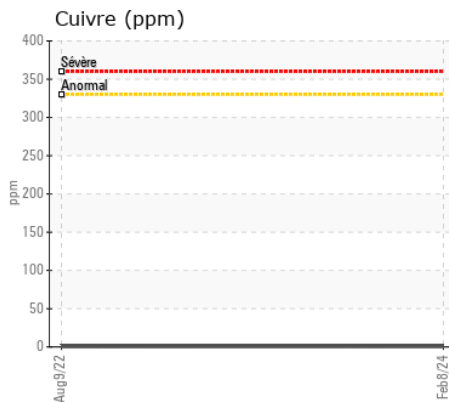
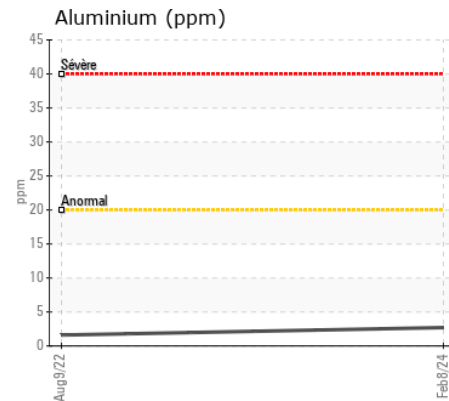
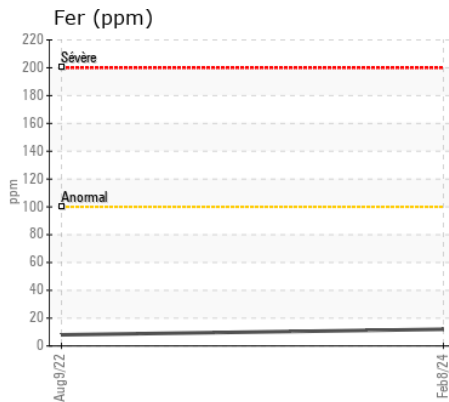
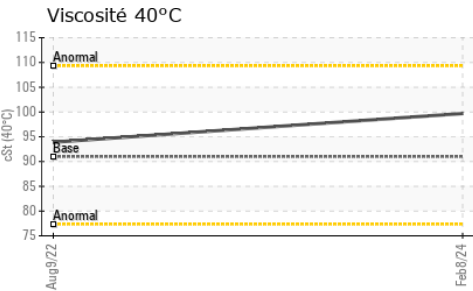
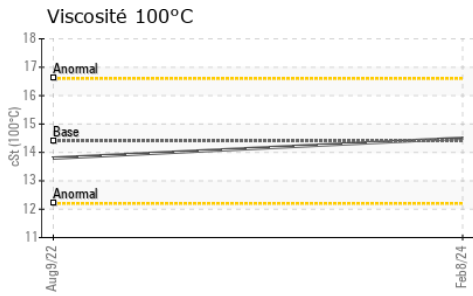
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	4	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	2	---
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>3	<b>0.3</b>	0.1	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.2</b>	4.9	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.2</b>	20.7	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**ÉTAT DU FLUIDE**

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

Sodium	ppm	ASTM D5185(m)	>44	<b>2</b>	7	---
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	4	---
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)	100	<b>58</b>	54	---
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnésium	ppm	ASTM D5185(m)	450	<b>932</b>	867	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1075</b>	1302	---
Phosphore	ppm	ASTM D5185(m)	1150	<b>985</b>	1005	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1147</b>	1181	---
Soufre	ppm	ASTM D5185(m)	4250	<b>2687</b>	2818	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>13.0</b>	14.9	---
Visc 40°C	cSt	ASTM D7279(m)	91	<b>99.7</b>	93.9	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>14.5</b>	13.8	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>150</b>	149	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0083653  
**N° de laboratoire** : 02614551  
**Numéro unique** : 5723646  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**LES ENTREPRISES MICHAUDVILLE INC.**  
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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.

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