



Identité de la machine

**90303**

Composant

**Moteur diesel**

Fluide

**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>PC0077364</b>	PC0048534	---
Date d'échant.		Client Info		<b>25 Jul 2023</b>	04 Aug 2021	---
Âge d la Machine	hrs	Client Info		<b>2176</b>	1024	---
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>43</b>	47	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	1	---
Nickel	ppm	ASTM D5185(m)	>4	<b>3</b>	2	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	---
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	6	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>20</b>	238	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

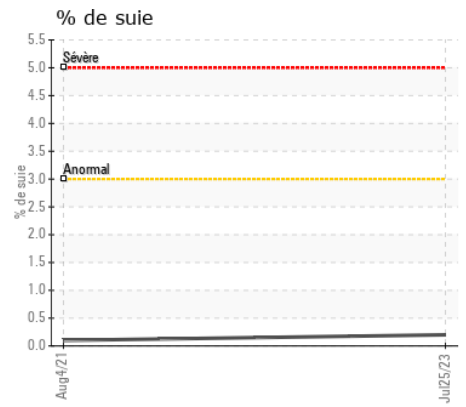
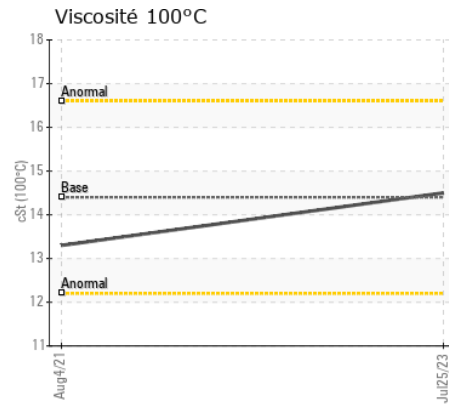
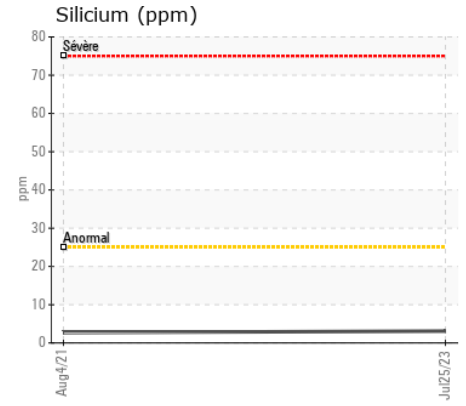
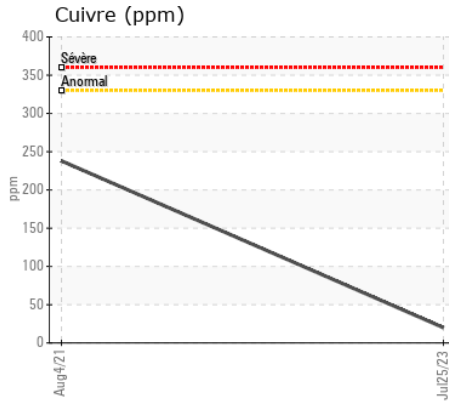
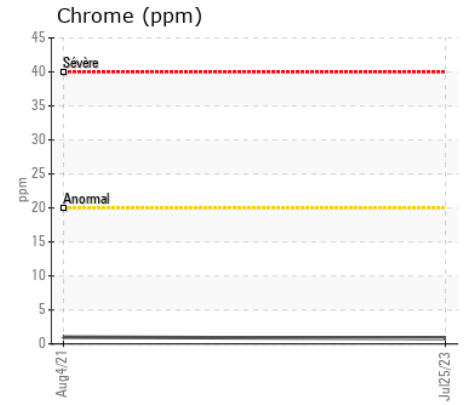
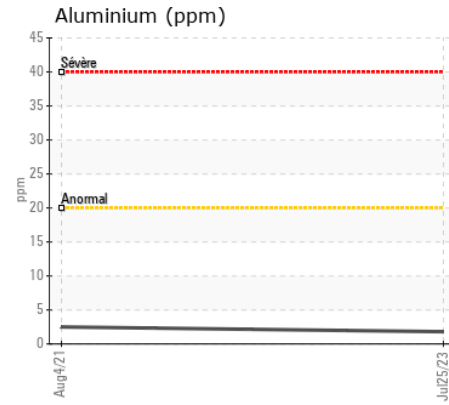
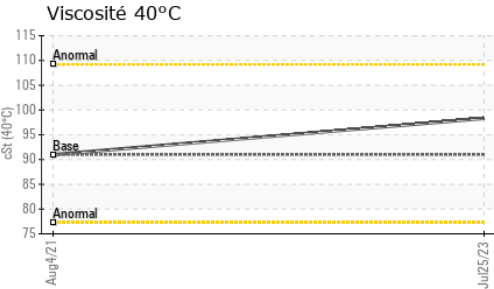
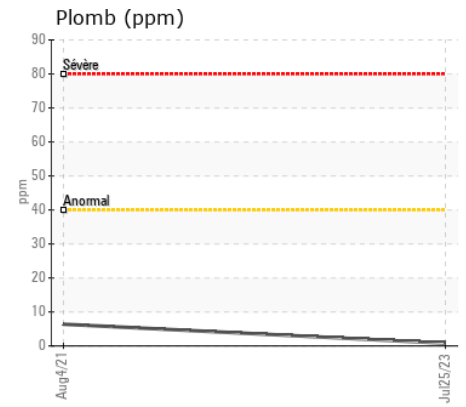
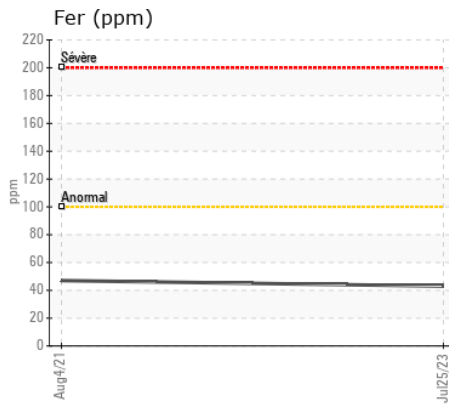
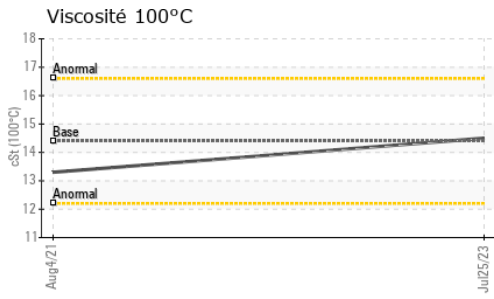
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	3	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>3	<b>0.2</b>	0.1	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.8</b>	7.8	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.1</b>	19.1	---
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>	3	---
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	2	---
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)	100	<b>58</b>	60	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Magnésium	ppm	ASTM D5185(m)	450	<b>978</b>	1024	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1042</b>	1074	---
Phosphore	ppm	ASTM D5185(m)	1150	<b>1039</b>	1091	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1170</b>	1259	---
Soufre	ppm	ASTM D5185(m)	4250	<b>2523</b>	2496	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.2</b>	15.0	---
Visc 40°C	cSt	ASTM D7279(m)	91	<b>98.3</b>	91	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>14.5</b>	13.3	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>152</b>	146	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0077364 **Reçu** : 26 Jul 2023  
**N° de laboratoire** : 02572135 **Diagnostiqué** : 26 Jul 2023  
**Numéro unique** : 5617186 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

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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