



Identité de la machine

**1226**

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>PC0082913</b>	PC0088510	PC0082609
Date d'échant.		Client Info		<b>11 Jun 2024</b>	20 Mar 2024	14 Nov 2023
Âge d la Machine	hrs	Client Info		<b>5522</b>	5016	4550
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)	>100	<b>11</b>	10	13
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>6</b>	9	11
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	0
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	<1	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

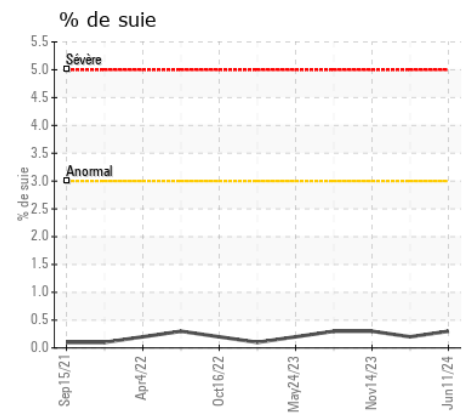
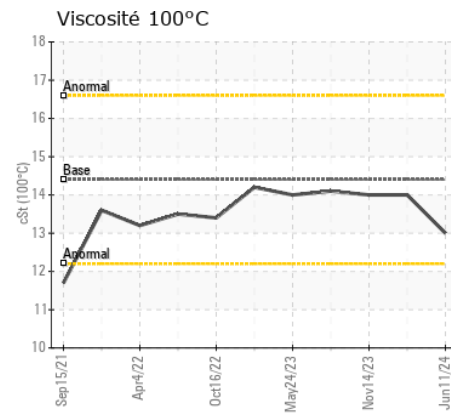
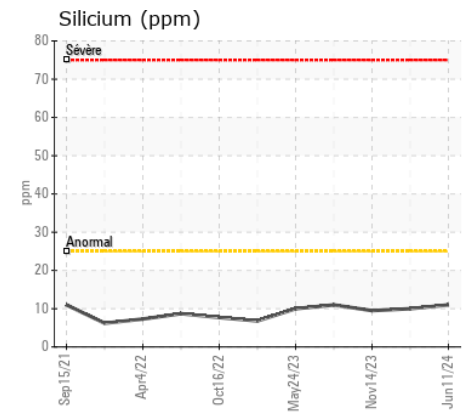
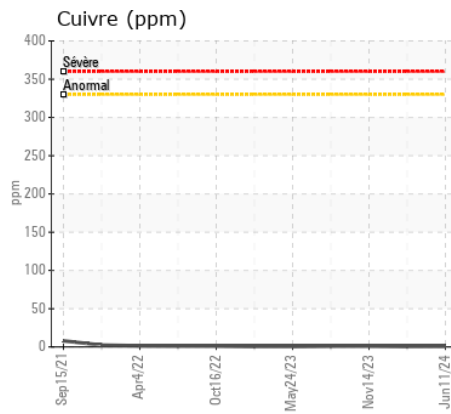
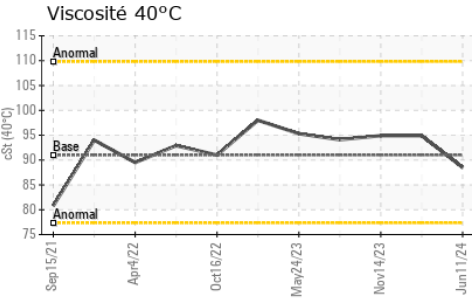
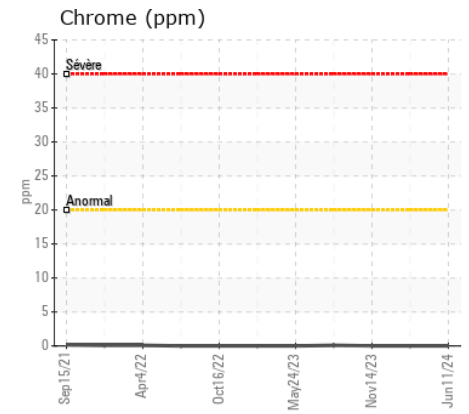
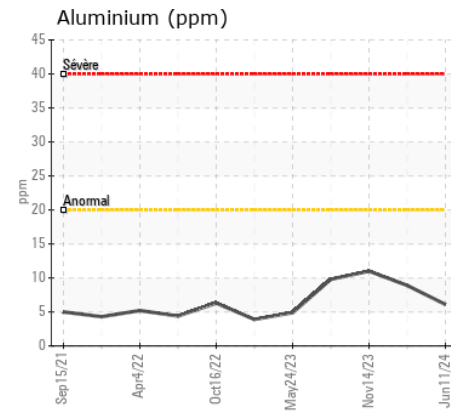
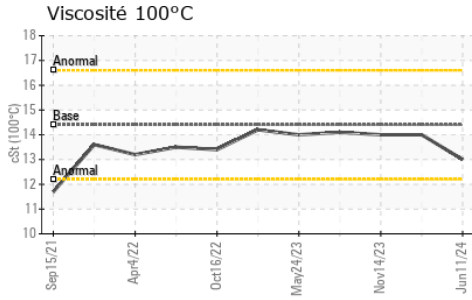
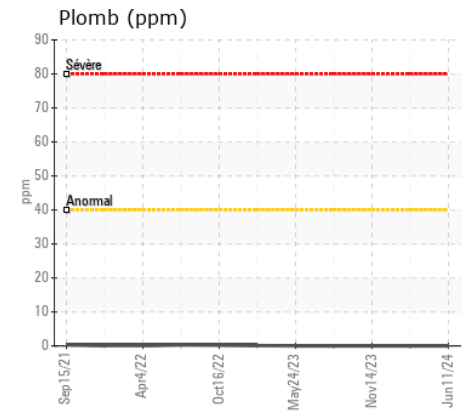
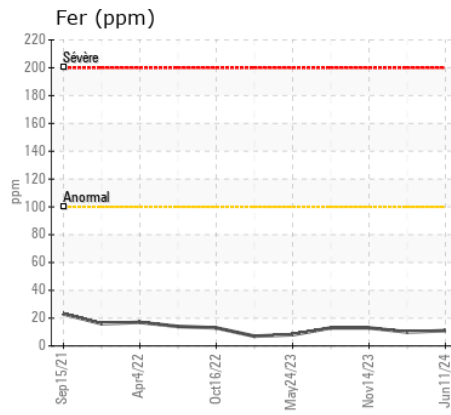
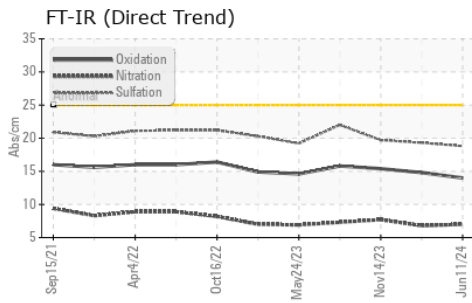
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>11</b>	10	10
Potassium	ppm	ASTM D5185(m)	>20	<b>9</b>	13	17
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.3</b>	0.2	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.0</b>	6.8	7.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.8</b>	19.3	19.7
Eau émulsifiée	scalar	Visual*	>0.2	<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)	>44	<b>1</b>	1	<1
Bore	ppm	ASTM D5185(m)	250	<b>&lt;1</b>	0	1
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>51</b>	57	60
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	0	0
Magnésium	ppm	ASTM D5185(m)	450	<b>942</b>	938	982
Calcium	ppm	ASTM D5185(m)	3000	<b>1075</b>	1150	1088
Phosphore	ppm	ASTM D5185(m)	1150	<b>997</b>	992	1010
Zinc	ppm	ASTM D5185(m)	1350	<b>1197</b>	1191	1200
Soufre	ppm	ASTM D5185(m)	4250	<b>2496</b>	2542	2488
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.0</b>	14.8	15.4
Visc 40°C	cSt	ASTM D7279(m)	91	<b>88.5</b>	94.9	94.9
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.0</b>	14.0	14.0
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>146</b>	150	150



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0082913  
**N° de laboratoire** : 02641371  
**Numéro unique** : 5798910  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**LES ENTREPRISES MICHAUVILLE INC.**  
 270 RUE BRUNET  
 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
 Contact: Martin Trudel  
 mtrudel@michaudville.com

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.

T:  
F: