



Identité de la machine

**1512**

Composant

**Moteur diesel**

Fluide

**DIESEL ENGINE OIL SAE 15W40 (--- 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>PC0082248</b>	PC0071528	PC0066487
Date d'échant.		Client Info		<b>20 Sep 2023</b>	23 Feb 2023	17 Nov 2022
Âge d la Machine	hrs	Client Info		<b>6252</b>	5293	4799
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>9</b>	8	11
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	2	4
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>1</b>	<1	2
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

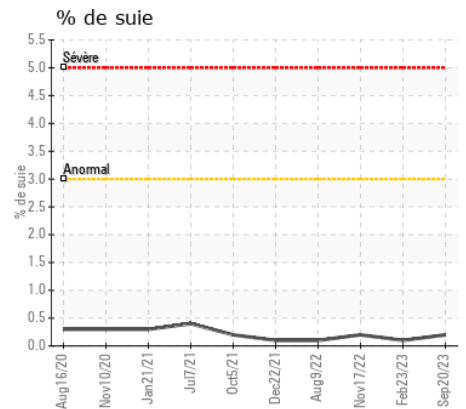
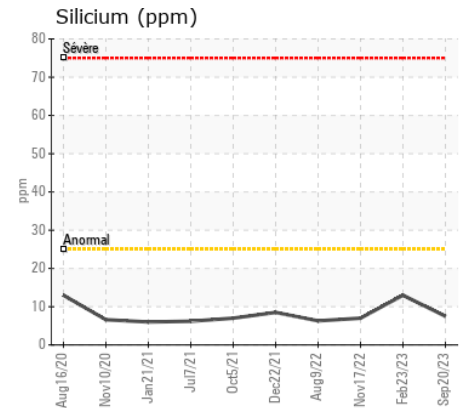
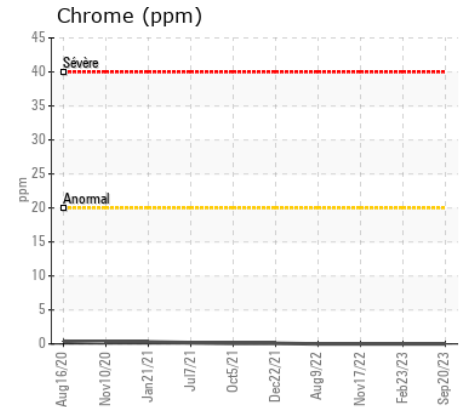
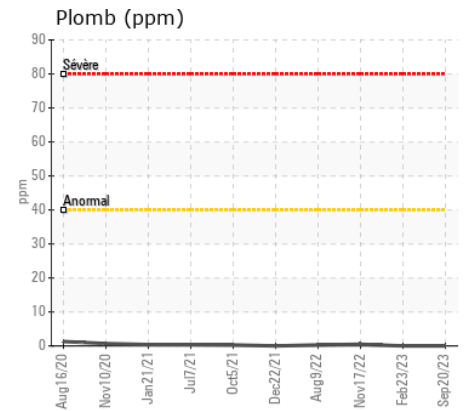
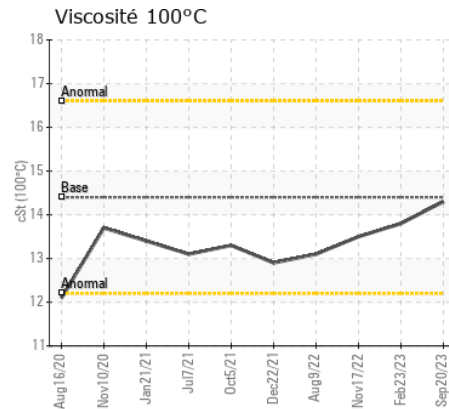
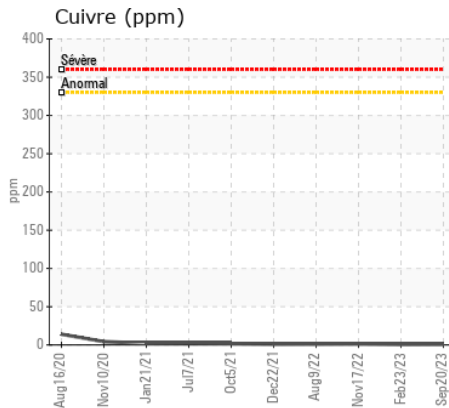
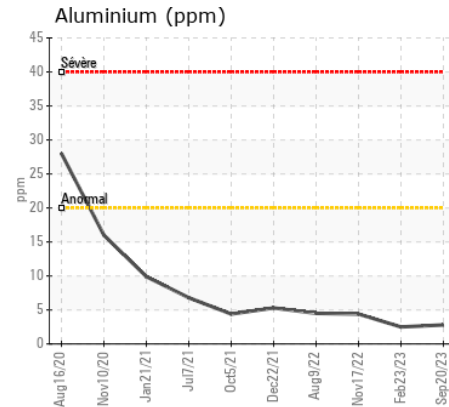
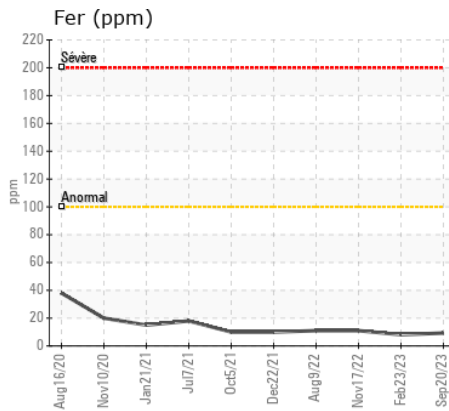
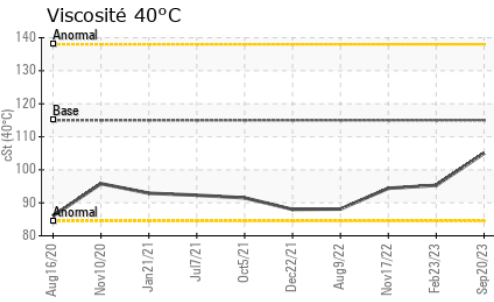
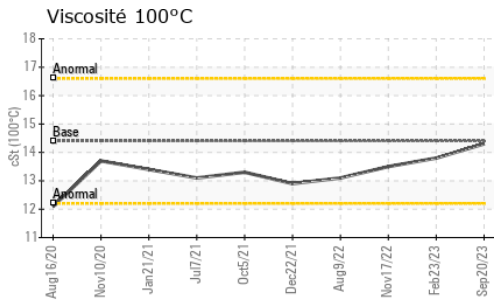
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	13	7
Potassium	ppm	ASTM D5185(m)	>20	<b>7</b>	2	6
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.2</b>	0.1	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.1</b>	7.7	8.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.9</b>	20.9	21.1
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)	>158	<b>2</b>	1	1
Bore	ppm	ASTM D5185(m)	250	<b>73</b>	2	2
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>16</b>	59	57
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>156</b>	974	951
Calcium	ppm	ASTM D5185(m)	3000	<b>2084</b>	1136	1163
Phosphore	ppm	ASTM D5185(m)	1150	<b>1023</b>	1080	1065
Zinc	ppm	ASTM D5185(m)	1350	<b>1178</b>	1197	1203
Soufre	ppm	ASTM D5185(m)	4250	<b>2844</b>	2623	2545
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.2</b>	15.2	16.1
Visc 40°C	cSt	ASTM D7279(m)	115	<b>105</b>	95.3	94.4
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>14.3</b>	13.8	13.5
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>139</b>	146	143



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0082248 **Reçu** : 21 Sep 2023 270 RUE BRUNET  
**N° de laboratoire** : 02584309 **Diagnostiqué** : 21 Sep 2023 MONT ST-HILAIRE, QC  
**Numéro unique** : 5645374 **Diagnostiqueur** : Wes Davis CA J3H 0M6  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI ) Contact: Martin Trudel

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131. mtrudel@michaudville.com  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T:  
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: