



Identité de la machine

**1515**

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>PC0082528</b>	PC0077377	PC0072115
Date d'échant.		Client Info		<b>21 Nov 2023</b>	30 Aug 2023	24 May 2023
Âge d la Machine	hrs	Client Info		<b>4993</b>	4463	3949
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>6</b>	8	7
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>4</b>	5	3
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	<b>1</b>	1	<1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

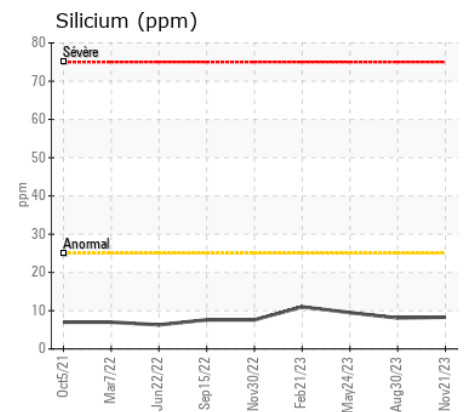
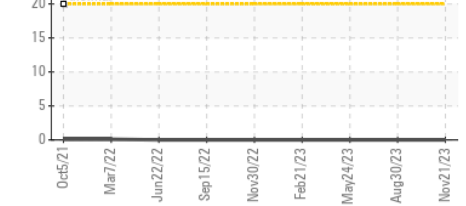
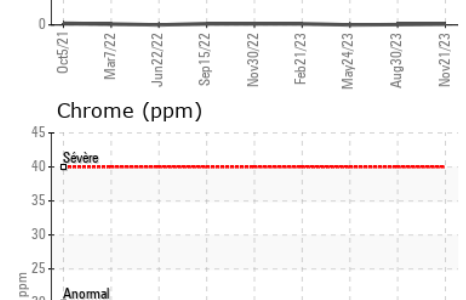
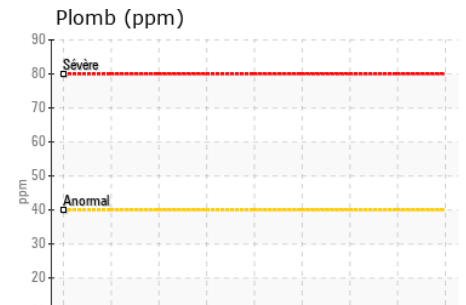
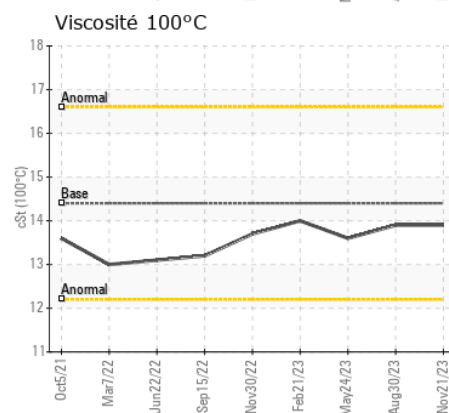
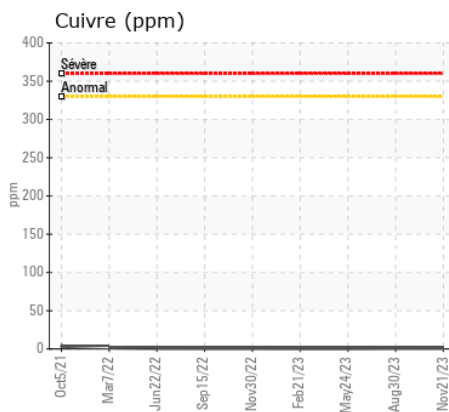
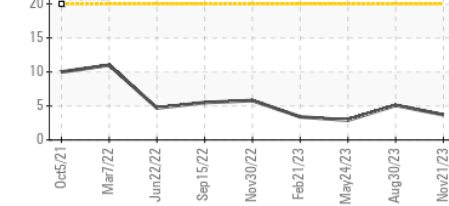
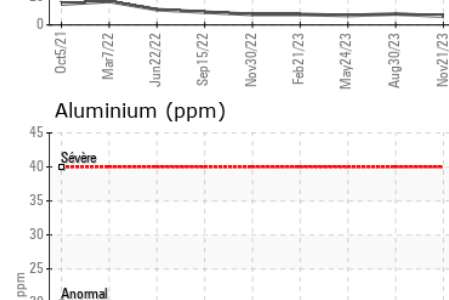
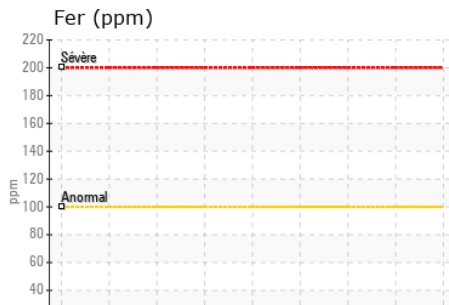
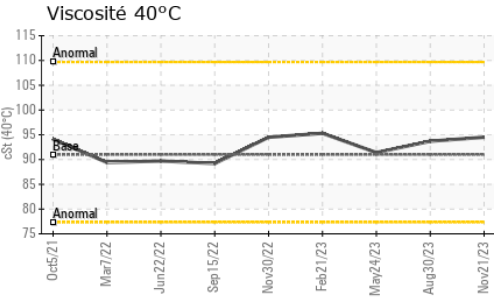
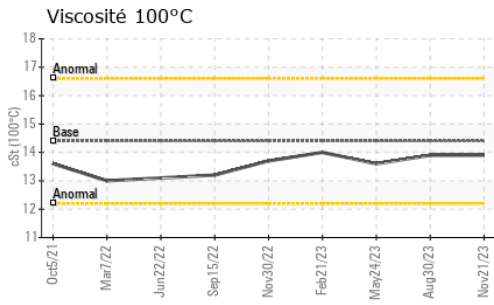
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	8	10
Potassium	ppm	ASTM D5185(m)	>20	<b>7</b>	11	4
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>0.1</b>	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.3</b>	7.0	7.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.3</b>	20.5	19.2
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>1</b>	1	3
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>57</b>	57	57
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>950</b>	939	934
Calcium	ppm	ASTM D5185(m)	3000	<b>1075</b>	1159	1146
Phosphore	ppm	ASTM D5185(m)	1150	<b>974</b>	1083	1073
Zinc	ppm	ASTM D5185(m)	1350	<b>1182</b>	1197	1167
Soufre	ppm	ASTM D5185(m)	4250	<b>2491</b>	2634	2638
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.0</b>	14.3	15.1
Visc 40°C	cSt	ASTM D7279(m)	91	<b>94.5</b>	93.7	91.4
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.9</b>	13.9	13.6
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>149</b>	151	150



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**N° d'échantillon** : PC0082528 **Reçu** : 22 Nov 2023  
**N° de laboratoire** : 02598113 **Diagnostiqué** : 22 Nov 2023  
**Numéro unique** : 5683193 **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.