



Identité de la machine

**1252**

Composant

**Moteur diesel**

Fluid

**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>PC0076048</b>	PC0082230	PC0072017
Date d'échant.		Client Info		<b>17 Dec 2023</b>	17 Oct 2023	16 Jul 2023
Âge d la Machine	hrs	Client Info		<b>6568</b>	6102	5605
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>5</b>	6	11
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</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>3</b>	3	3
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>6</b>	9	12
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

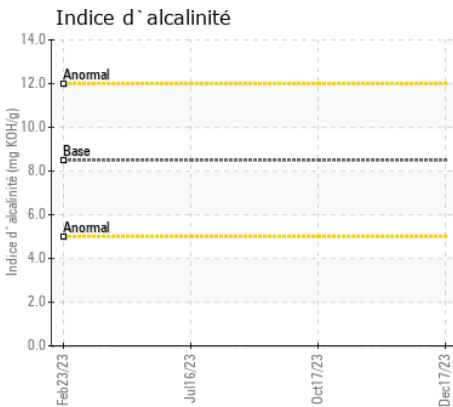
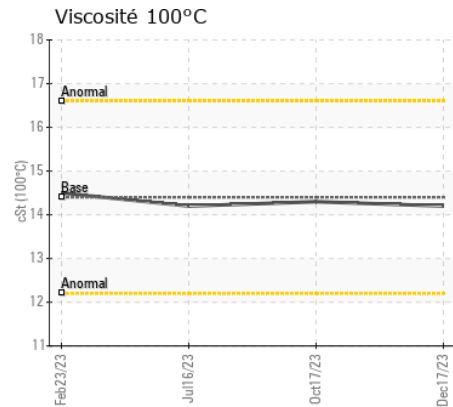
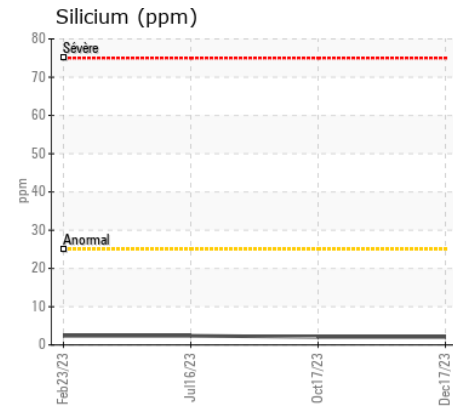
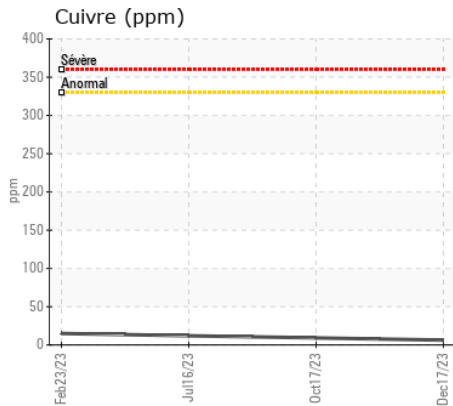
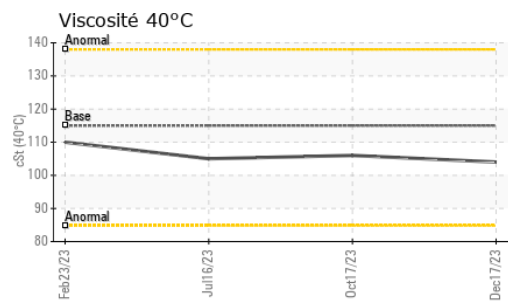
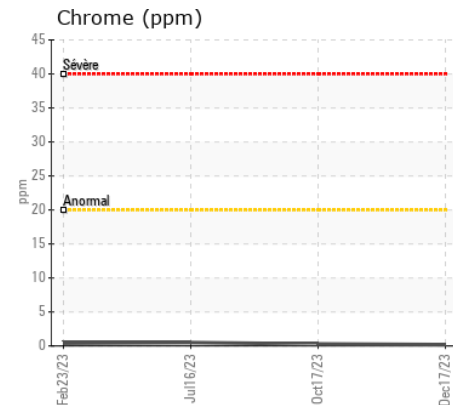
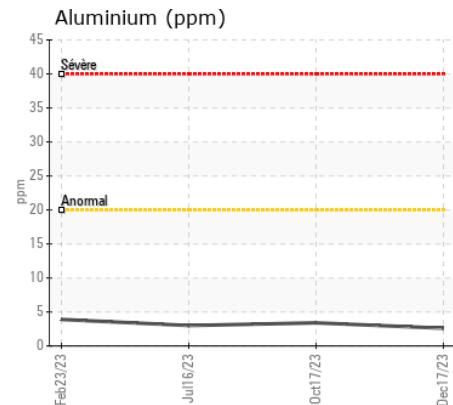
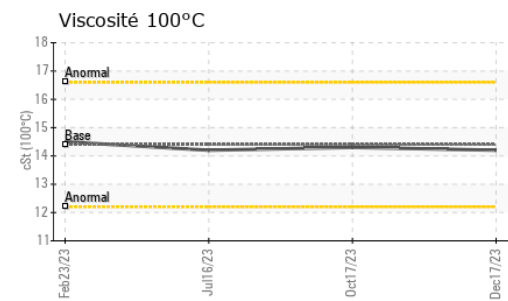
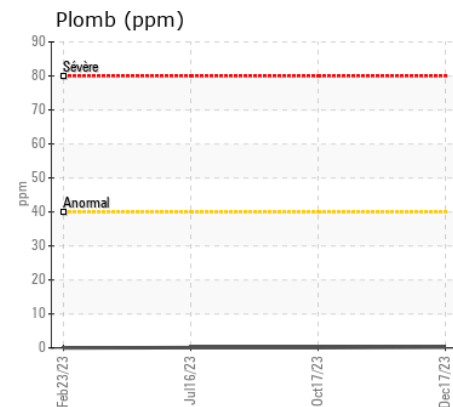
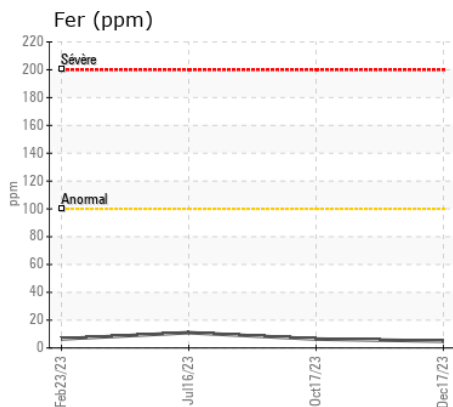
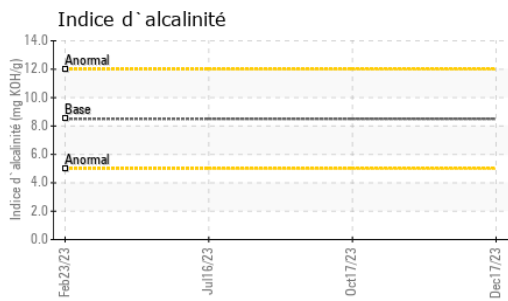
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>2</b>	2	2
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	3	3
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
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.0</b>	6.2	6.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.2</b>	18.4	18.9
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185(m)	>158	<b>1</b>	1	2
Bore	ppm	ASTM D5185(m)	250	<b>1</b>	<1	1
Baryum	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	100	<b>59</b>	60	58
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>972</b>	972	993
Calcium	ppm	ASTM D5185(m)	3000	<b>1047</b>	1024	1048
Phosphore	ppm	ASTM D5185(m)	1150	<b>996</b>	999	1059
Zinc	ppm	ASTM D5185(m)	1350	<b>1190</b>	1197	1197
Soufre	ppm	ASTM D5185(m)	4250	<b>2544</b>	2512	2557
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.0</b>	13.8	14.3
Indice d'alcalinité	mg KOH/g	ASTM D2896*	8.5	<b>10.44</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	115	<b>104</b>	106	105
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>14.2</b>	14.3	14.2
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>139</b>	137	137



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**N° d'échantillon** : PC0076048 **Reçu** : 18 Dec 2023  
**N° de laboratoire** : 02603697 **Diagnostiqué** : 20 Dec 2023  
**Numéro unique** : 5696782 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 2 ( 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.