



Identité de la machine

**1512**

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>PC0083531</b>	PC0082248	PC0071528
Date d'échant.		Client Info		<b>07 Jan 2024</b>	20 Sep 2023	23 Feb 2023
Âge d la Machine	hrs	Client Info		<b>6666</b>	6252	5293
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>7</b>	9	8
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	3	2
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</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**

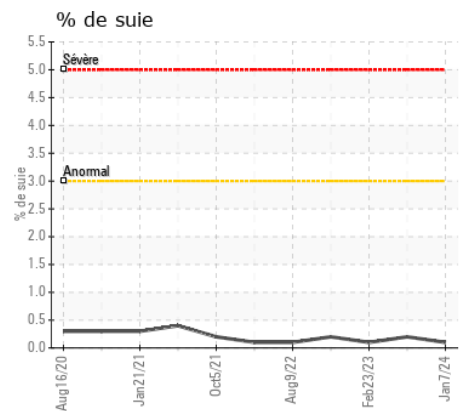
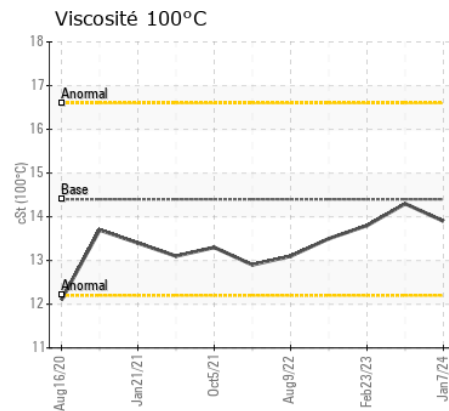
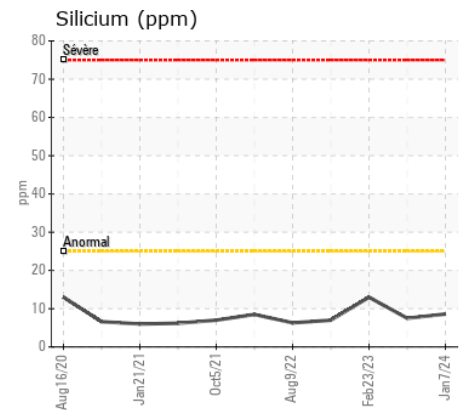
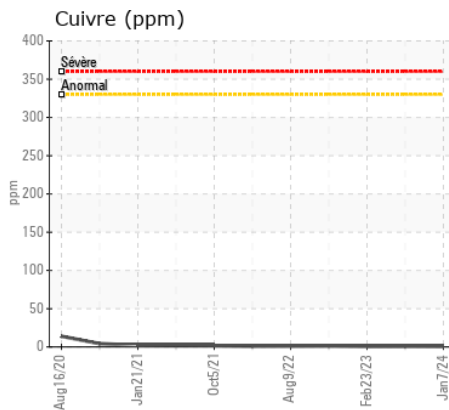
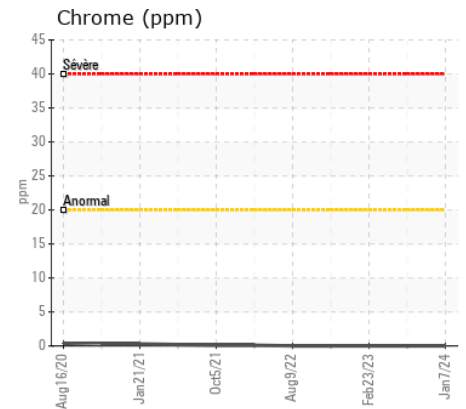
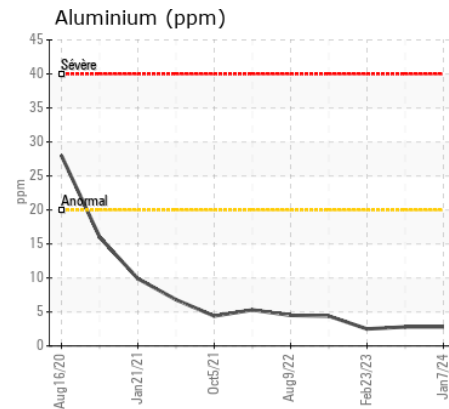
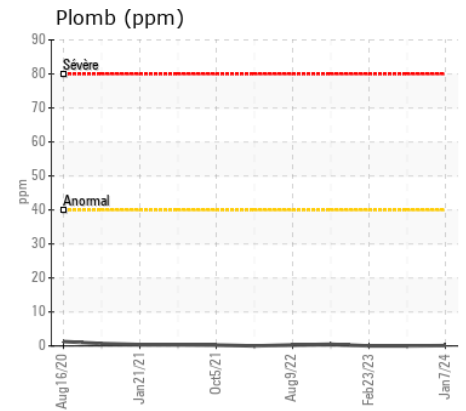
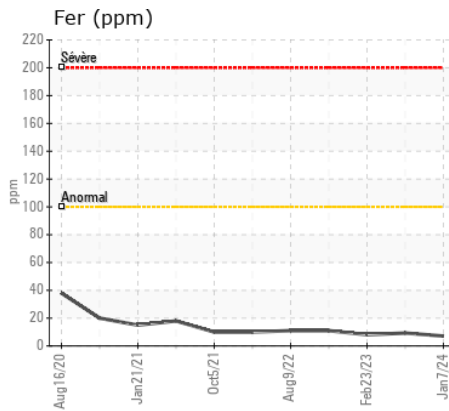
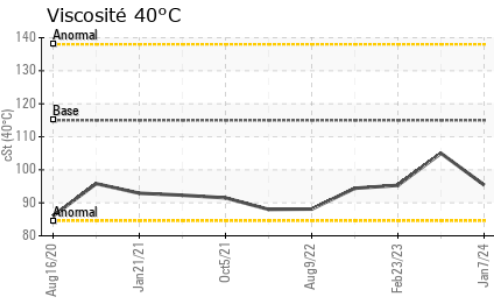
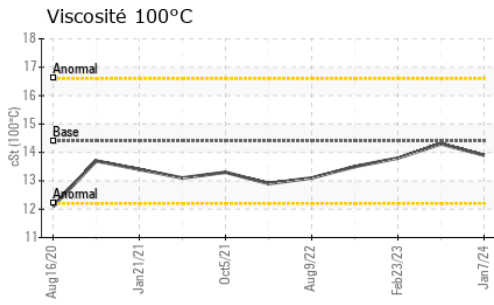
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>9</b>	8	13
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	7	2
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>	0.2	0.1
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.3</b>	8.1	7.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.2</b>	20.9	20.9
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>1</b>	2	1
Bore	ppm	ASTM D5185(m)	250	<b>7</b>	73	2
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>53</b>	16	59
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>840</b>	156	974
Calcium	ppm	ASTM D5185(m)	3000	<b>1183</b>	2084	1136
Phosphore	ppm	ASTM D5185(m)	1150	<b>977</b>	1023	1080
Zinc	ppm	ASTM D5185(m)	1350	<b>1177</b>	1178	1197
Soufre	ppm	ASTM D5185(m)	4250	<b>2708</b>	2844	2623
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.8</b>	16.2	15.2
Visc 40°C	cSt	ASTM D7279(m)	115	<b>95.4</b>	105	95.3
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.9</b>	14.3	13.8
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>148</b>	139	146



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**N° d'échantillon** : PC0083531 **Reçu** : 08 Jan 2024  
**N° de laboratoire** : 02606957 **Diagnostiqué** : 09 Jan 2024  
**Numéro unique** : 5708043 **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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