



USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Identité de la machine

**55104**

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>PC0084415</b>	PC0077716	PC0067582
Date d'échant.		Client Info		<b>28 Feb 2024</b>	08 Aug 2023	19 Jan 2023
Âge d la Machine	hrs	Client Info		<b>4122</b>	3647	3207
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>13</b>	13	10
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	2	2
Plomb	ppm	ASTM D5185(m)	>40	<b>5</b>	4	3
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	2	2
Étain	ppm	ASTM D5185(m)	>15	<b>1</b>	1	1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

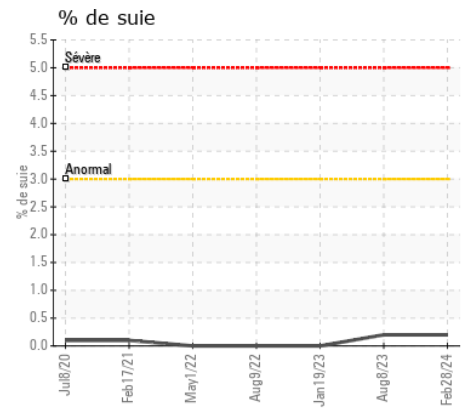
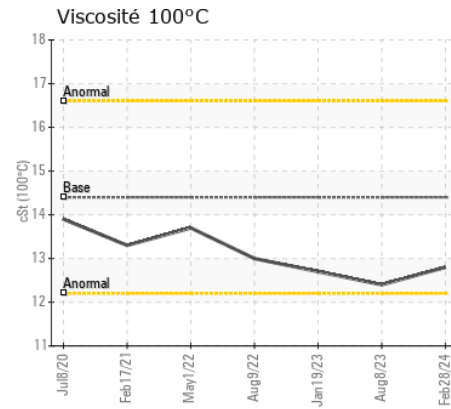
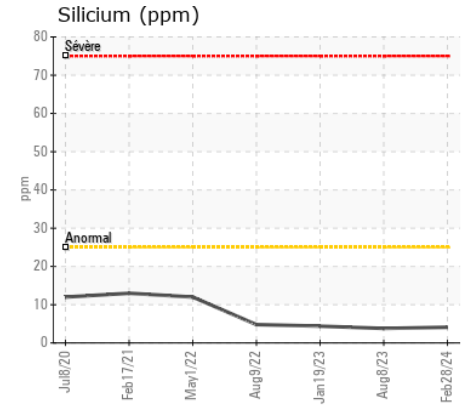
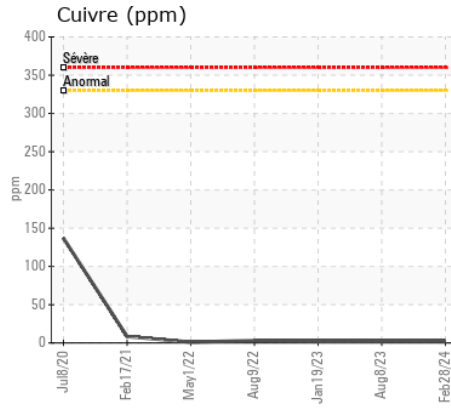
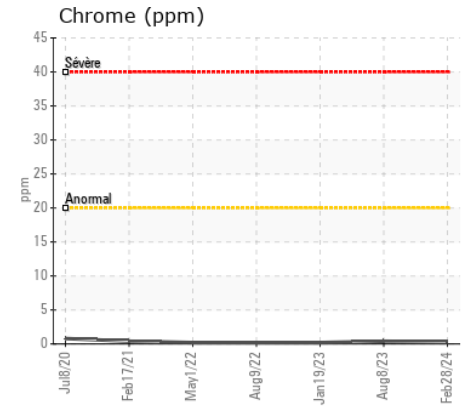
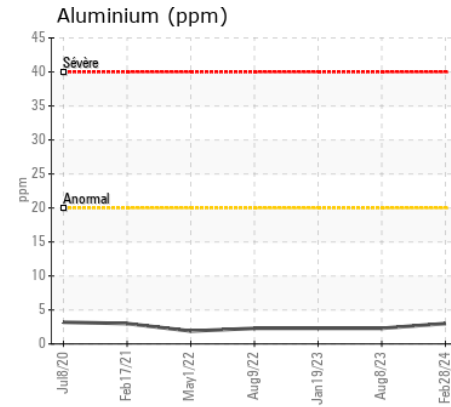
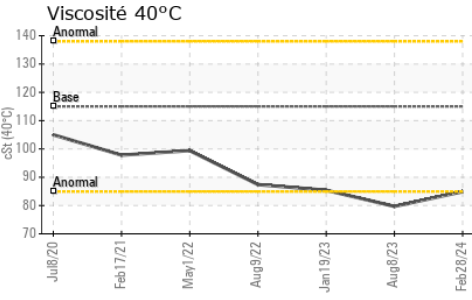
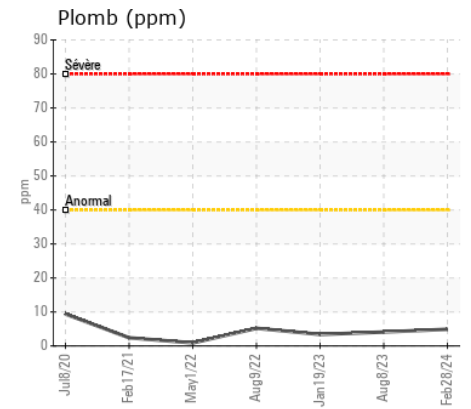
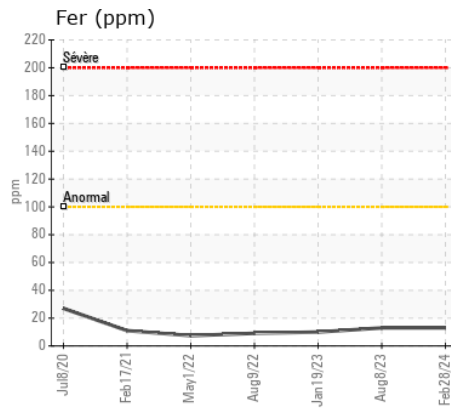
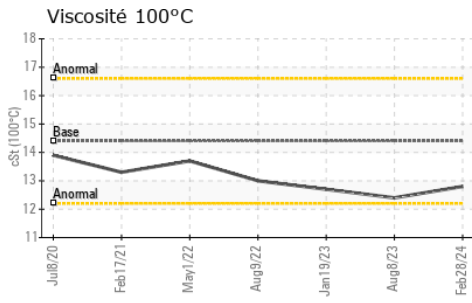
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>4</b>	4	4
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	0
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>0.2</b>	0.2	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.1</b>	9.4	9.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.3</b>	20.6	20.8
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	2
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	7	3
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>59</b>	58	56
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>943</b>	928	905
Calcium	ppm	ASTM D5185(m)	3000	<b>1079</b>	1073	1200
Phosphore	ppm	ASTM D5185(m)	1150	<b>1003</b>	1027	1064
Zinc	ppm	ASTM D5185(m)	1350	<b>1175</b>	1151	1181
Soufre	ppm	ASTM D5185(m)	4250	<b>2555</b>	2432	2554
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>18.4</b>	17.4	17.7
Visc 40°C	cSt	ASTM D7279(m)	115	<b>84.9</b>	79.7	85.4
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>12.8</b>	12.4	12.7
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>149</b>	153	146



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : PC0084415

**N° de laboratoire** : 02618896

**Numéro unique** : 5736006

**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**Reçu** : 29 Feb 2024

**Tested** : 29 Feb 2024

**Diagnostiqué** : 29 Feb 2024 - Wes Davis

**LES ENTREPRISES MICHAUDVILLE 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.

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