



Identité de la machine

**F15105**

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>PC0071007</b>	PC0065802	PC0054238
Date d'échant.		Client Info		<b>08 Aug 2023</b>	24 Oct 2022	09 Sep 2021
Âge d la Machine	hrs	Client Info		<b>3951</b>	3475	2394
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>10</b>	8	11
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>4</b>	4	6
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	2	4
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

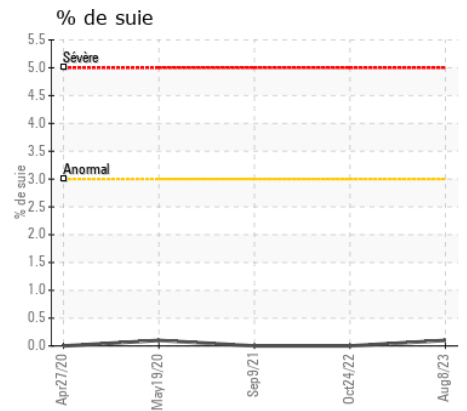
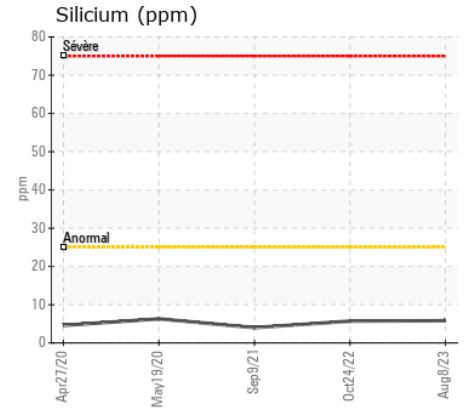
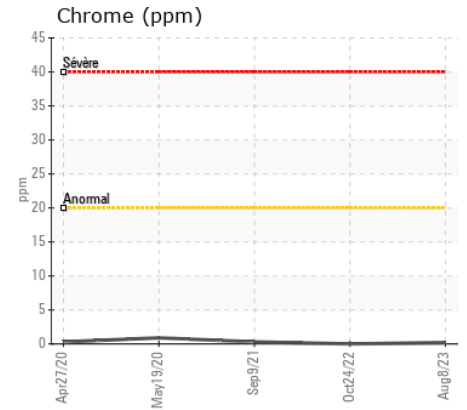
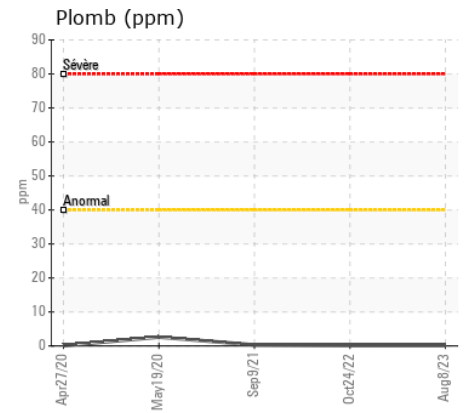
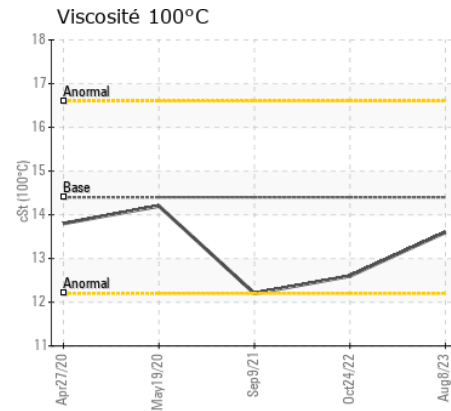
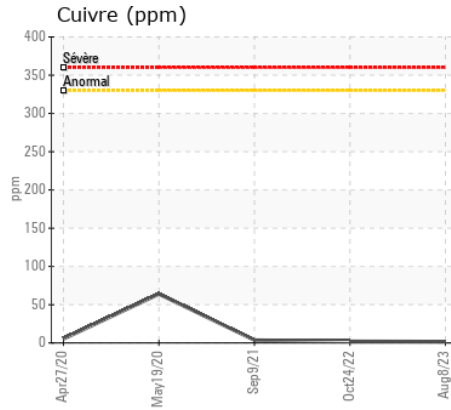
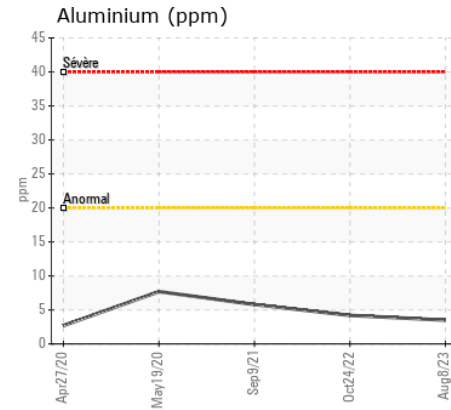
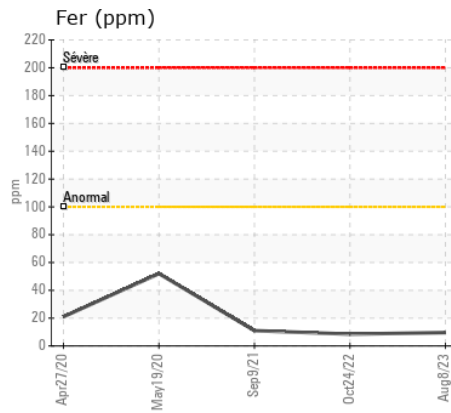
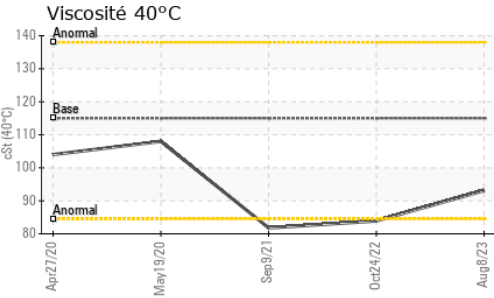
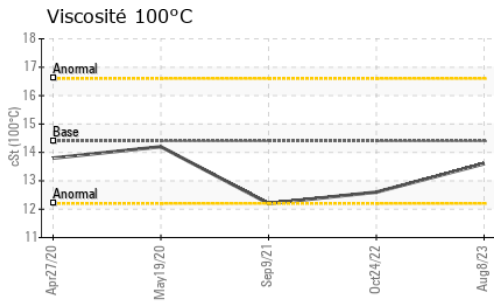
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	6	4
Potassium	ppm	ASTM D5185(m)	>20	<b>6</b>	8	12
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	0.0
% de suie	%	ASTM D7844*	>3	<b>0.1</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.9</b>	7.9	7.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.0</b>	21.3	18.3
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>	1	1
Bore	ppm	ASTM D5185(m)	250	<b>1</b>	3	2
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>56</b>	53	49
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>941</b>	860	851
Calcium	ppm	ASTM D5185(m)	3000	<b>1058</b>	1335	1334
Phosphore	ppm	ASTM D5185(m)	1150	<b>1036</b>	1065	1069
Zinc	ppm	ASTM D5185(m)	1350	<b>1144</b>	1168	1220
Soufre	ppm	ASTM D5185(m)	4250	<b>2534</b>	2654	2749
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.6</b>	16.7	13.0
Visc 40°C	cSt	ASTM D7279(m)	115	<b>93.1</b>	83.9	81.8
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.6</b>	12.6	12.2
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>147</b>	147	144



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**  
**N° d'échantillon** : PC0071007 **Reçu** : 09 Aug 2023 270 RUE BRUNET  
**N° de laboratoire** : 02574763 **Diagnostiqué** : 09 Aug 2023 MONT ST-HILAIRE, QC  
**Numéro unique** : 5619814 **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.

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.

mtrudel@michaudville.com

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