



Identité de la machine

**7502**

Composant

**Moteur diesel**

Fluid

**DIESEL ENGINE OIL SAE 10W30 (--- 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>PC0083631</b>	PC0046334	PC0025263
Date d'échant.		Client Info		<b>07 Jan 2024</b>	11 Apr 2021	15 Jan 2020
Âge d la Machine	hrs	Client Info		<b>5751</b>	5121	4836
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>	Changed	Changed
Filtre changé		Client Info		<b>N/A</b>	Changed	Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	<b>90</b>	47	82
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	<1	1
Nickel	ppm	ASTM D5185(m)	>4	<b>1</b>	<1	<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>4</b>	2	3
Plomb	ppm	ASTM D5185(m)	>40	<b>4</b>	4	1
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	<1	1
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

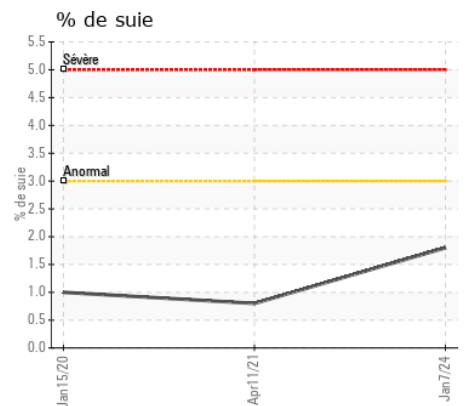
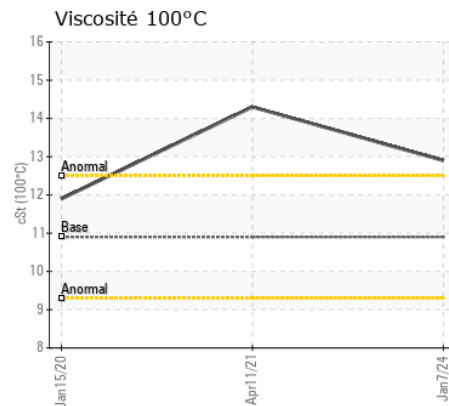
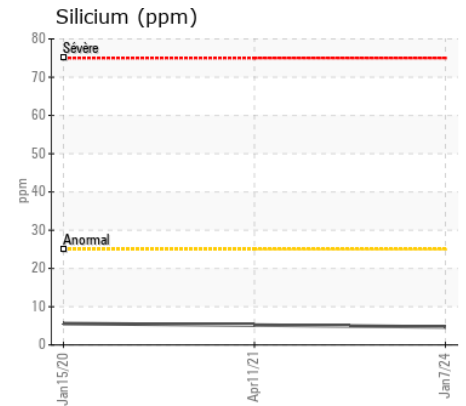
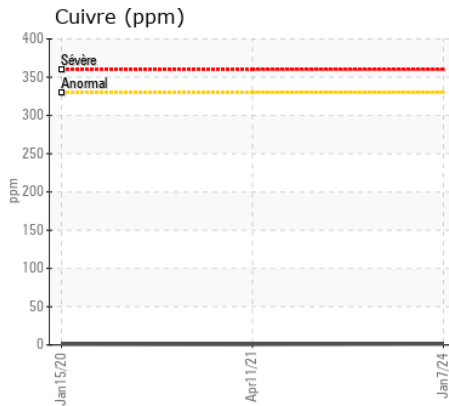
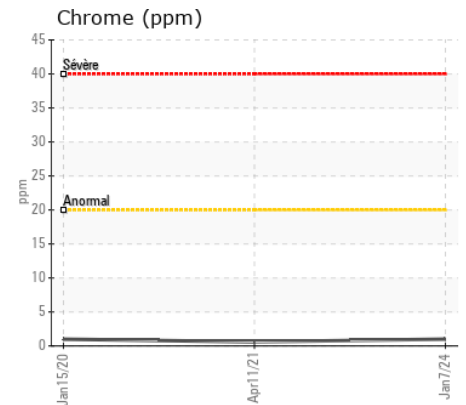
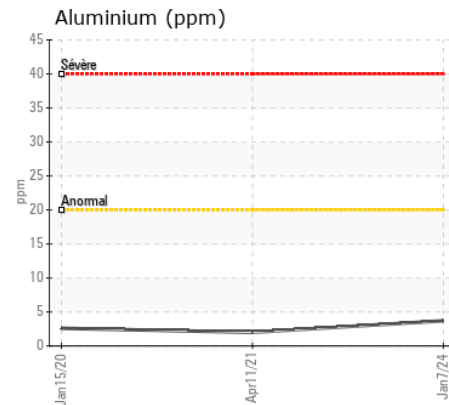
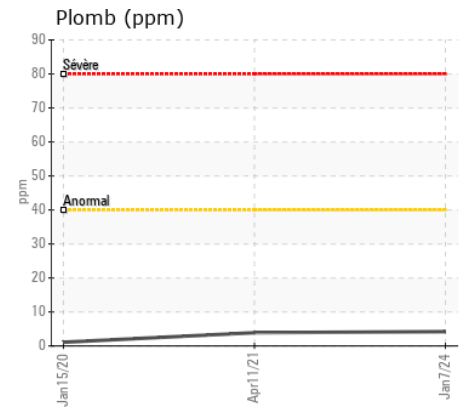
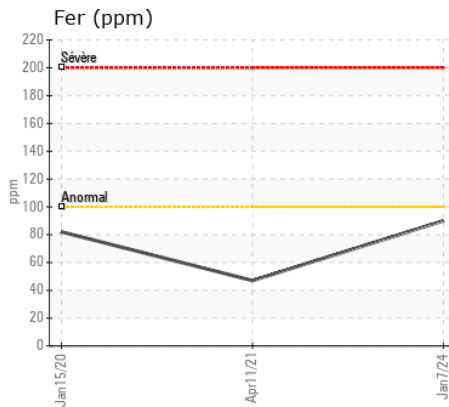
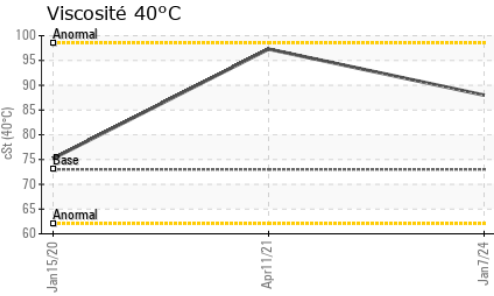
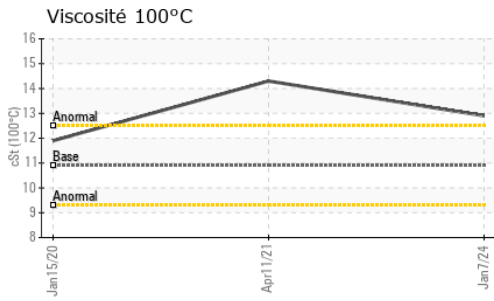
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>5</b>	5	6
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	0.4
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>1.8</b>	0.8	1
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.9</b>	7.0	8.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.8</b>	19.8	30.6
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)		<b>2</b>	2	<1
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	2	6
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>54</b>	56	48
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>833</b>	924	704
Calcium	ppm	ASTM D5185(m)	3000	<b>1381</b>	1095	1724
Phosphore	ppm	ASTM D5185(m)	1150	<b>1024</b>	964	1029
Zinc	ppm	ASTM D5185(m)	1350	<b>1226</b>	1216	1225
Soufre	ppm	ASTM D5185(m)	4250	<b>2752</b>	2641	3014
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.2</b>	14.4	19.9
Visc 40°C	cSt	ASTM D7279(m)	73	<b>88.0</b>	97.3	75.2
Visc 100°C	cSt	ASTM D7279(m)	10.9	<b>12.9</b>	14.3	11.9
Indice de viscosité (VI)	Scale	ASTM D2270*	138	<b>145</b>	151	153



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0083631 **Reçu** : 08 Jan 2024 270 RUE BRUNET  
**N° de laboratoire** : 02606965 **Diagnostiqué** : 09 Jan 2024 MONT ST-HILAIRE, QC  
**Numéro unique** : 5708051 **Diagnostiqueur** : Wes Davis CA J3H 0M6  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI ) Contact: Martin Trudel  
 mtrudel@michauville.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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