



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

Secteur  
**MICHAUDVILLE**

Identité de la machine

**1227**

Composant

**Moteur diesel**

Fluide

**DIESEL ENGINE OIL SAE 5W40 (--- 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>PC0082249</b>	PC0077645	PC0067629
Date d'échant.		Client Info		<b>20 Sep 2023</b>	25 Jul 2023	11 Jan 2023
Âge d la Machine	hrs	Client Info		<b>3825</b>	3341	2859
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>9</b>	10	9
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
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>4</b>	4	5
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	<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**

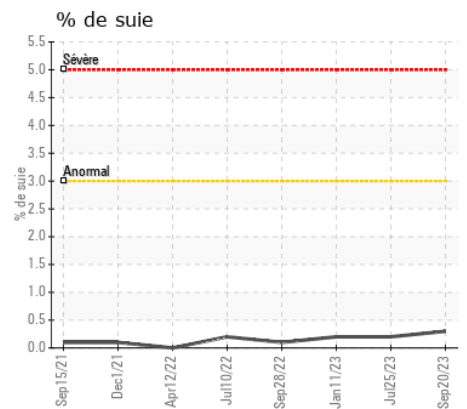
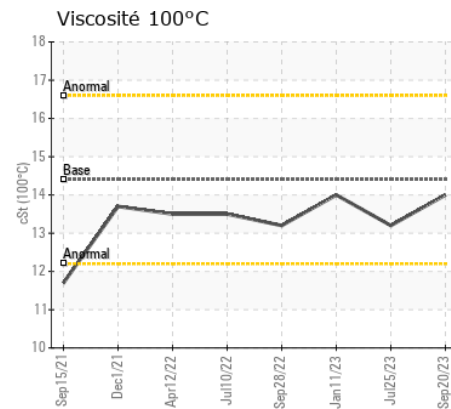
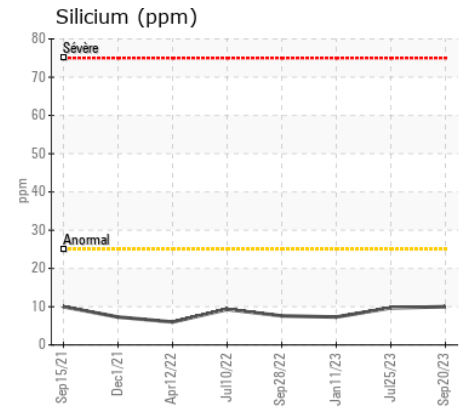
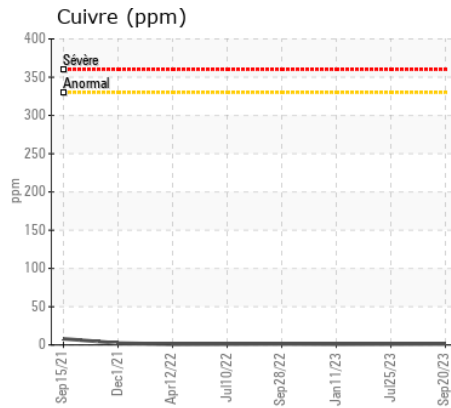
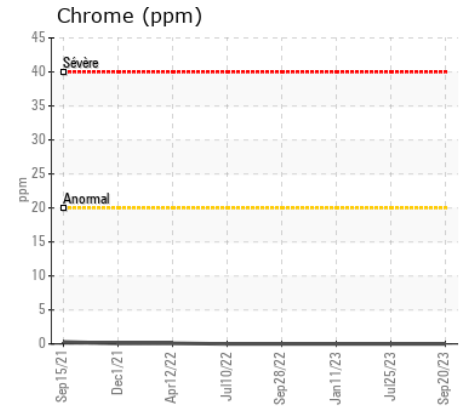
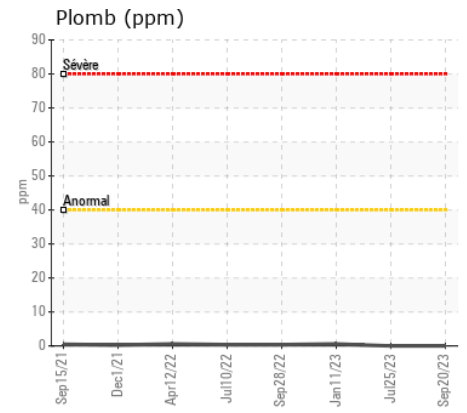
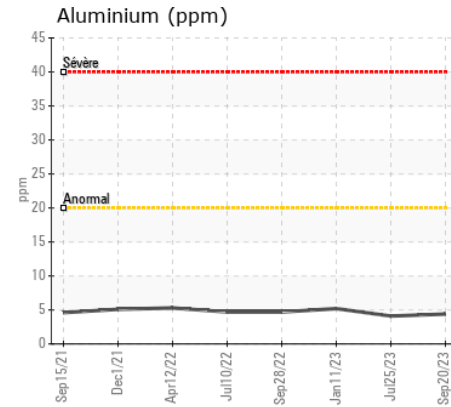
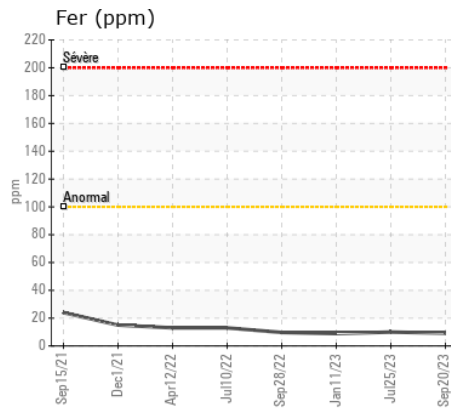
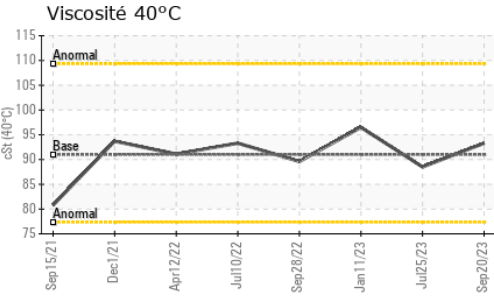
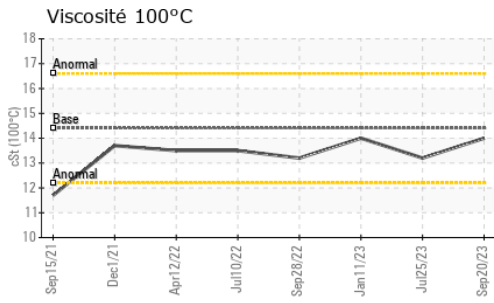
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>10</b>	10	7
Potassium	ppm	ASTM D5185(m)	>20	<b>8</b>	7	10
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.3</b>	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.5</b>	7.8	8.0
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.3</b>	19.0	20.6
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)	>44	<b>1</b>	1	1
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	9	<1
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>57</b>	58	56
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>948</b>	938	935
Calcium	ppm	ASTM D5185(m)	3000	<b>1171</b>	1091	1155
Phosphore	ppm	ASTM D5185(m)	1150	<b>1074</b>	1015	1072
Zinc	ppm	ASTM D5185(m)	1350	<b>1209</b>	1154	1188
Soufre	ppm	ASTM D5185(m)	4250	<b>2596</b>	2541	2644
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.7</b>	14.4	15.7
Visc 40°C	cSt	ASTM D7279(m)	91	<b>93.3</b>	88.5	96.5
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>14.0</b>	13.2	14.0
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>153</b>	149	148



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**  
**N° d'échantillon** : PC0082249 **Reçu** : 21 Sep 2023  
**N° de laboratoire** : 02584308 **Diagnostiqué** : 21 Sep 2023  
**Numéro unique** : 5645373 **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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