



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

Identité de la machine

**6545**

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>PC0077378</b>	PC0077715	---
Date d'échant.		Client Info		<b>30 Aug 2023</b>	08 Aug 2023	---
Âge d la Machine	hrs	Client Info		<b>3468</b>	0	---
Âge de l'huile	hrs	Client Info		<b>0</b>	0	---
Âge du filtre	hrs	Client Info		<b>0</b>	0	---
Huile changée		Client Info		<b>N/A</b>	N/A	---
Filtre changé		Client Info		<b>N/A</b>	N/A	---
Statut de l'échant.				<b>NORMAL</b>	ABNORMAL	---

**USURE**

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	<b>14</b>	▲ 125	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	8	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>1</b>	6	---
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	1	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	2	---
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	4	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

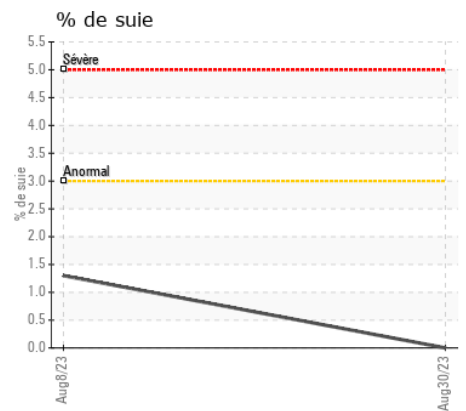
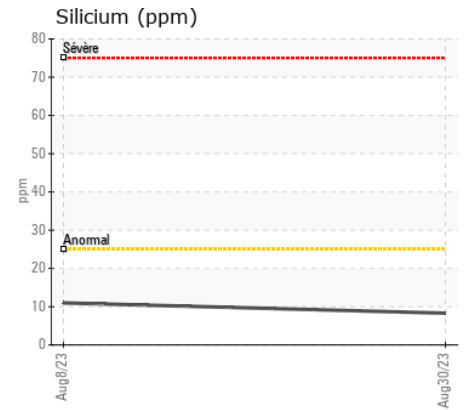
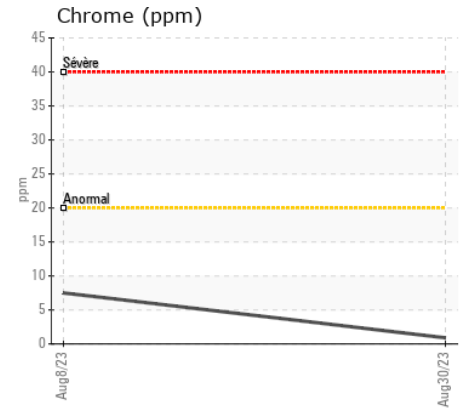
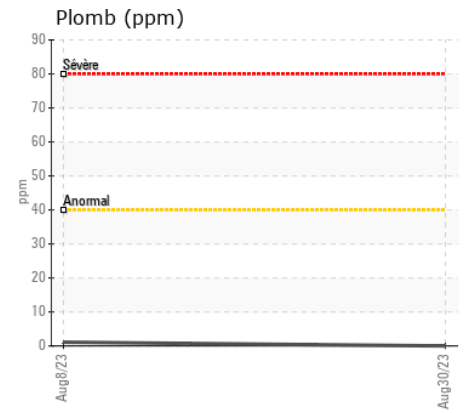
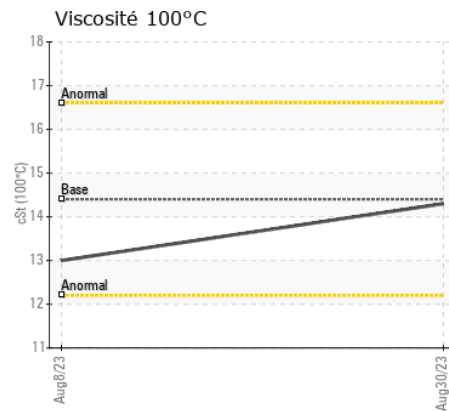
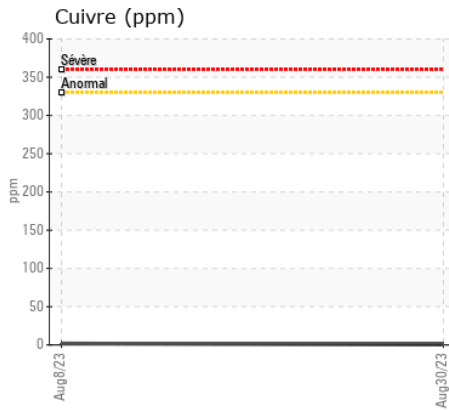
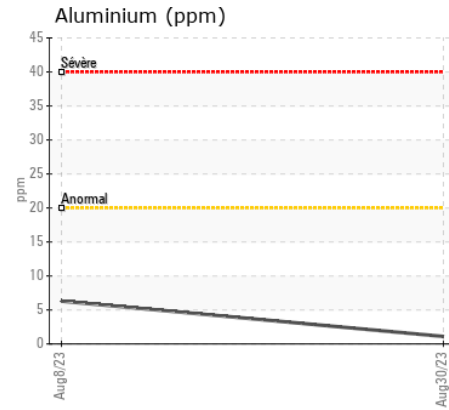
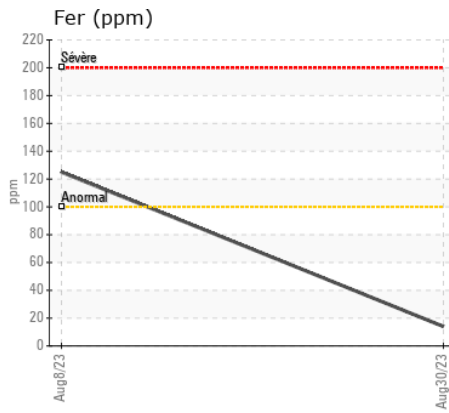
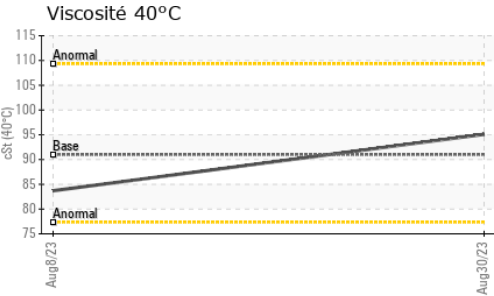
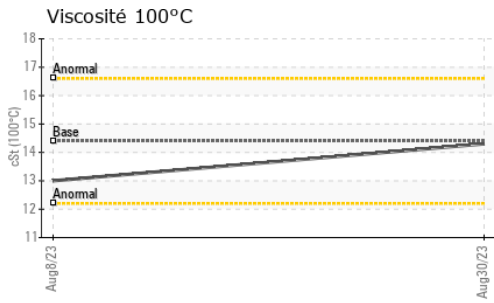
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	11	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>3	<b>0</b>	1.3	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.4</b>	13.0	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.4</b>	22.8	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	VLITE	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**ÉTAT DU FLUIDE**

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>44	<b>2</b>	4	---
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	2	---
Baryum	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	0	---
Molybdène	ppm	ASTM D5185(m)	100	<b>56</b>	56	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Magnésium	ppm	ASTM D5185(m)	450	<b>937</b>	910	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1033</b>	1054	---
Phosphore	ppm	ASTM D5185(m)	1150	<b>1052</b>	962	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1148</b>	1127	---
Soufre	ppm	ASTM D5185(m)	4250	<b>2582</b>	2226	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>13.7</b>	17.8	---
Visc 40°C	cSt	ASTM D7279(m)	91	<b>95.1</b>	83.7	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>14.3</b>	13.0	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>155</b>	155	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0077378 **Reçu** : 31 Aug 2023  
**N° de laboratoire** : 02579647 **Diagnostiqué** : 31 Aug 2023  
**Numéro unique** : 5632707 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

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.

270 RUE BRUNET  
MONT ST-HILAIRE, QC  
CA J3H 0M6  
Contact: Martin Trudel  
mtrudel@michaudville.com

T:  
F: