



Identité de la machine

**F15107**

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>PC0071000</b>	PC0060617	PC0053319
Date d'échant.		Client Info		<b>08 Aug 2023</b>	10 Jul 2022	01 Dec 2021
Âge d la Machine	hrs	Client Info		<b>4921</b>	3795	3320
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>19</b>	28	15
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	2	1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>4</b>	7	6
Plomb	ppm	ASTM D5185(m)	>40	<b>1</b>	2	2
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</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**

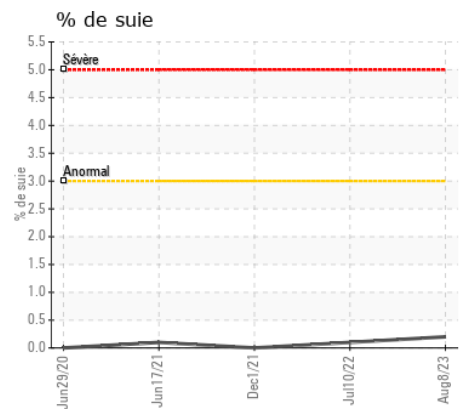
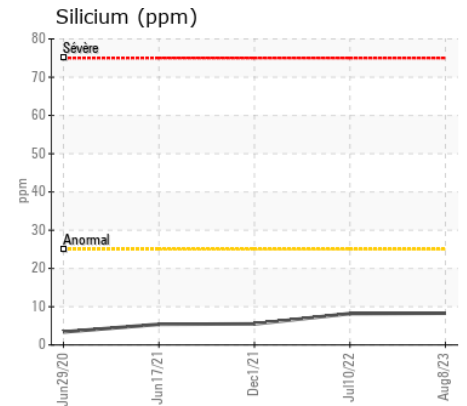
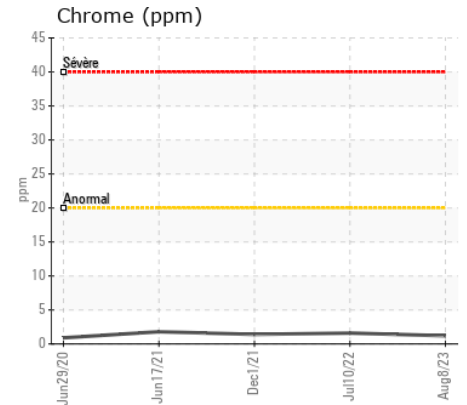
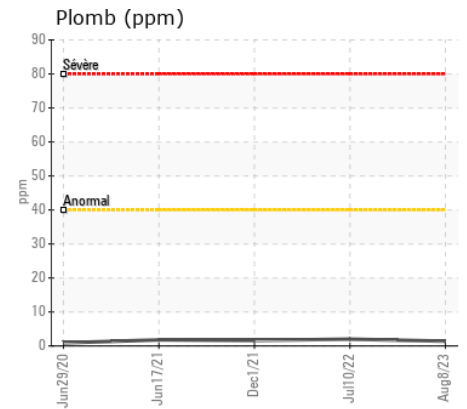
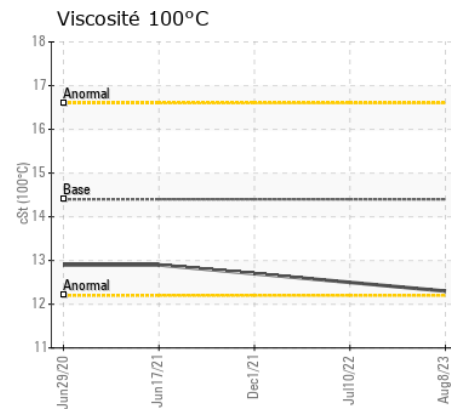
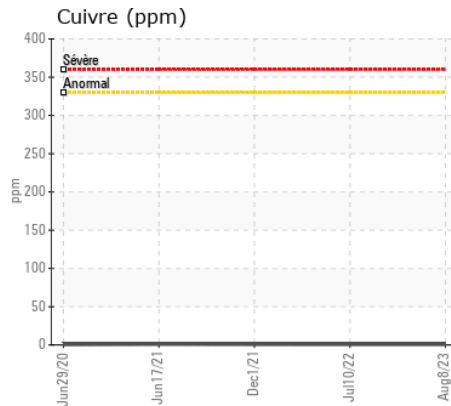
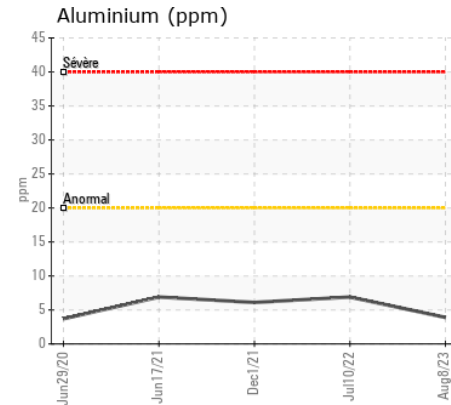
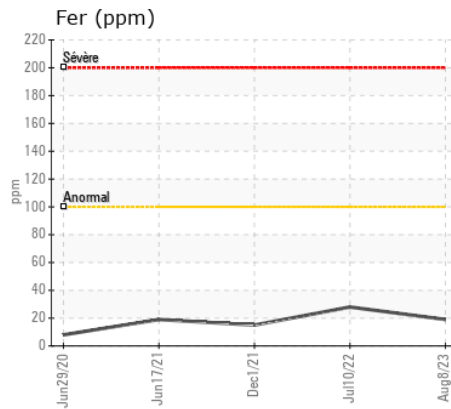
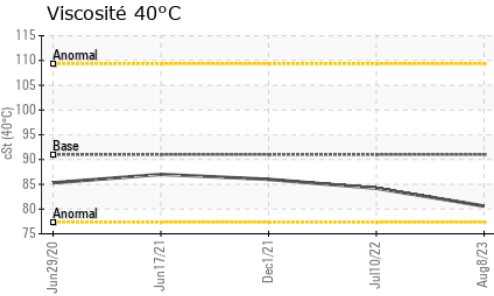
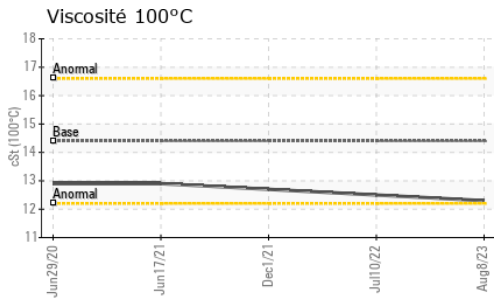
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	8	6
Potassium	ppm	ASTM D5185(m)	>20	<b>6</b>	12	12
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>0.2</b>	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.8</b>	9.4	8.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.0</b>	21.1	20.4
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>5</b>	5	4
Bore	ppm	ASTM D5185(m)	250	<b>7</b>	4	2
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>59</b>	56	56
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>924</b>	941	954
Calcium	ppm	ASTM D5185(m)	3000	<b>1099</b>	1213	1164
Phosphore	ppm	ASTM D5185(m)	1150	<b>1024</b>	1020	1100
Zinc	ppm	ASTM D5185(m)	1350	<b>1165</b>	1235	1250
Soufre	ppm	ASTM D5185(m)	4250	<b>2475</b>	2601	2661
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.2</b>	15.9	15.0
Visc 40°C	cSt	ASTM D7279(m)	91	<b>80.6</b>	84.2	86.0
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>12.3</b>	12.5	12.7
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>149</b>	145	145



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**  
**N° d'échantillon** : PC0071000 **Reçu** : 09 Aug 2023  
**N° de laboratoire** : 02574762 **Diagnostiqué** : 09 Aug 2023  
**Numéro unique** : 5619813 **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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