



Identité de la machine

**F55060**

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>PC0073025</b>	PC0065851	PC0053877
Date d'échant.		Client Info		<b>06 Jul 2023</b>	08 Aug 2022	04 Apr 2022
Âge d la Machine	hrs	Client Info		<b>2500</b>	1887	1424
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>7</b>	6	5
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	1	4
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	<1	<1
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

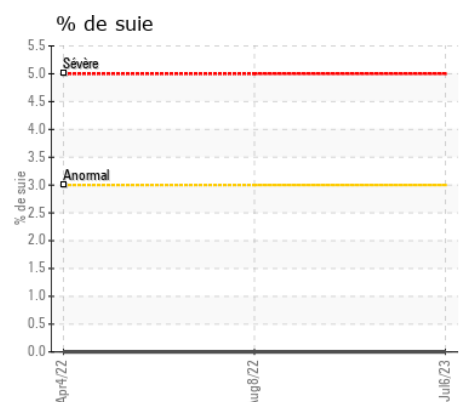
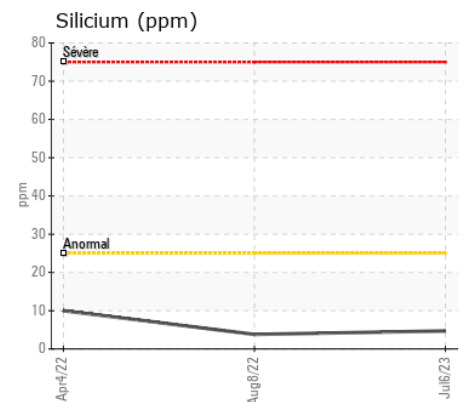
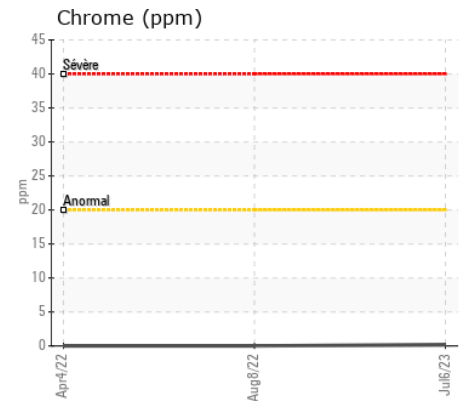
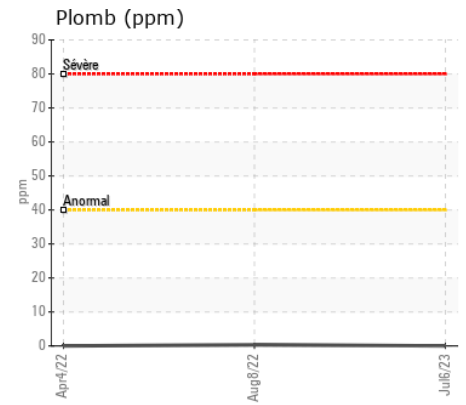
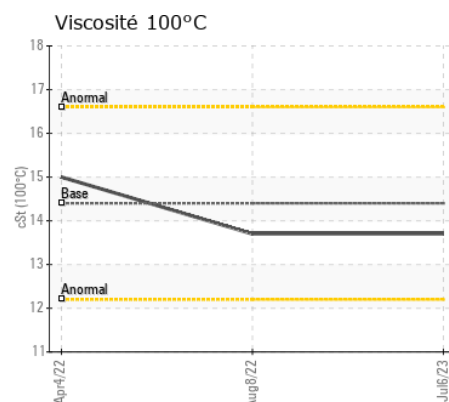
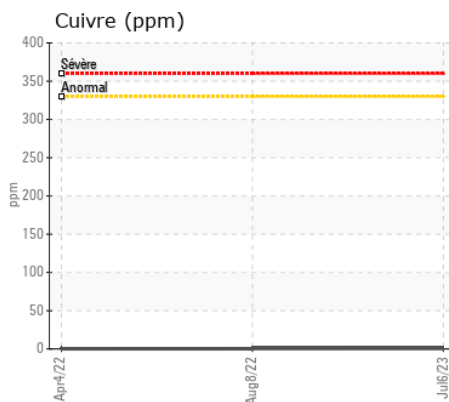
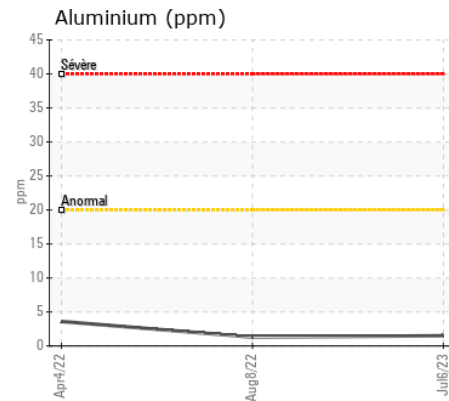
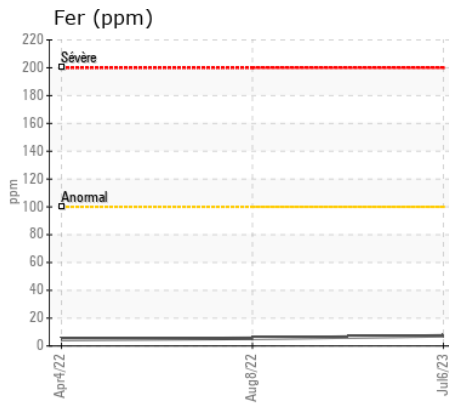
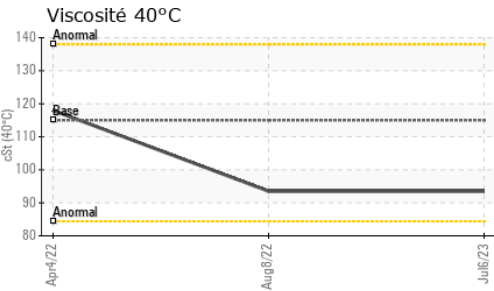
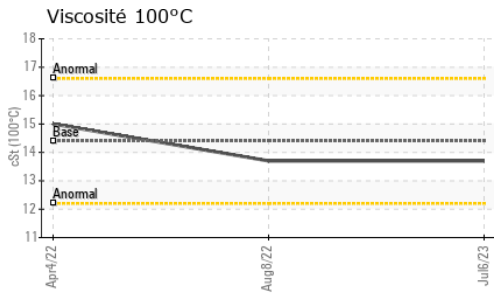
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>5</b>	4	10
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	2
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</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.5</b>	7.7	6.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>17.2</b>	18.8	20.0
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
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>	2	2
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	7	147
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>56</b>	59	161
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>921</b>	898	356
Calcium	ppm	ASTM D5185(m)	3000	<b>1153</b>	1185	1752
Phosphore	ppm	ASTM D5185(m)	1150	<b>1067</b>	1000	1022
Zinc	ppm	ASTM D5185(m)	1350	<b>1176</b>	1183	1077
Soufre	ppm	ASTM D5185(m)	4250	<b>2569</b>	2659	2941
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.1</b>	15.1	14.1
Visc 40°C	cSt	ASTM D7279(m)	115	<b>93.5</b>	93.5	118
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.7</b>	13.7	15.0
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>148</b>	148	131



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0073025 **Reçu** : 07 Jul 2023  
**N° de laboratoire** : 02568470 **Diagnostiqué** : 07 Jul 2023  
**Numéro unique** : 5605516 **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.  
 Validity of results and interpretation are based on the sample and information as supplied.