



Secteur

**MICHAUDVILLE**

Identité de la machine

**55101**

Composant

**Liquide de refroidissement**

Fluide

**DETROIT DIESEL POWER COOL (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0077609</b>	PC0053178	PC0050853
Date d'échant.		Client Info		<b>16 Jul 2023</b>	31 Jan 2022	27 Oct 2021
Âge d la Machine	hrs	Client Info		<b>4933</b>	3878	3629
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>N/A</b>	N/A	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**CORROSION**

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>15	<b>4</b>	1	<1
Aluminium	ppm	ASTM D5185(m)	>10	<b>0</b>	8	4
Cuivre	ppm	ASTM D5185(m)	>10	<b>4</b>	2	<1
Plomb	ppm	ASTM D5185(m)	>10	<b>6</b>	<1	2
Étain	ppm	ASTM D5185(m)	>10	<b>2</b>	0	<1
Argent	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>0</b>	1	2

**CONTAMINANTS**

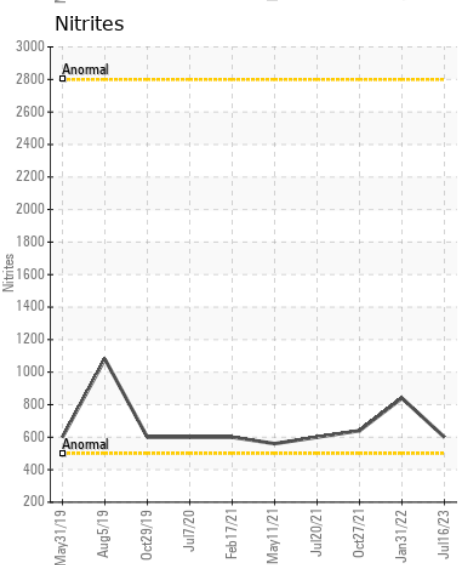
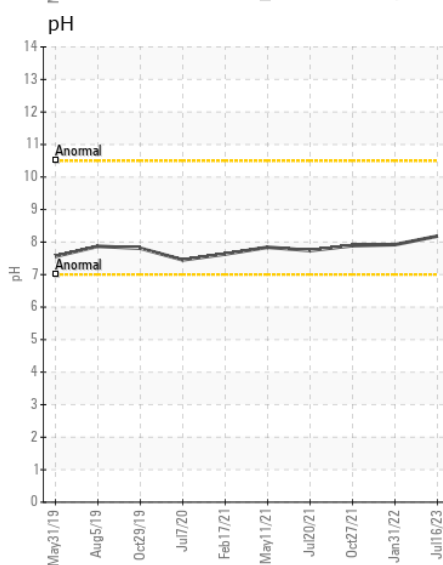
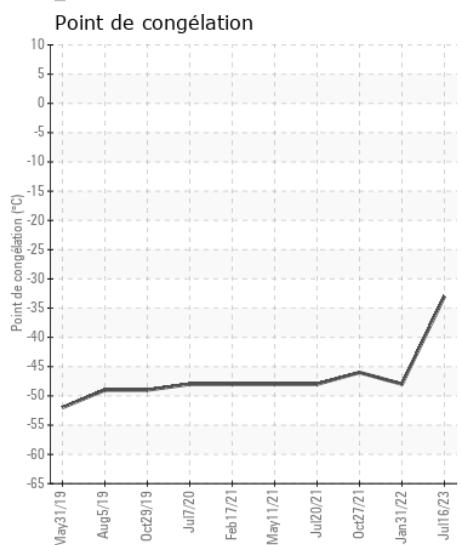
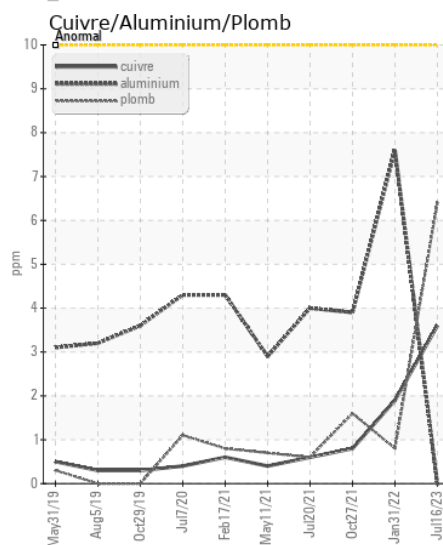
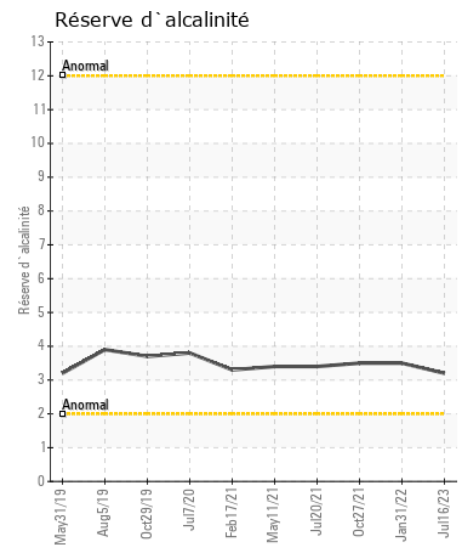
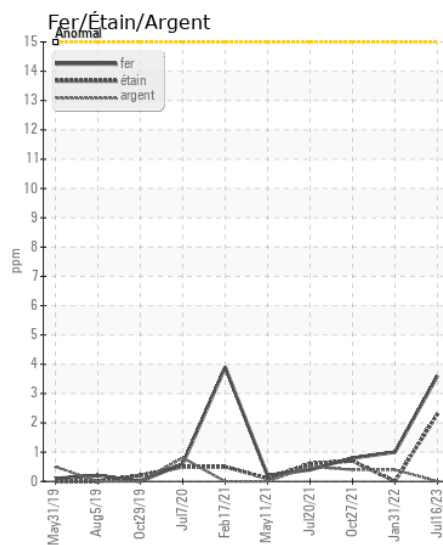
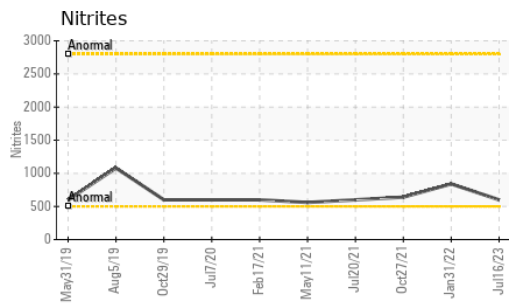
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>8</b>	2	2
Magnésium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	1	2
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Apparence du liquide de refroidissement		Visual*	Clear	<b>Clear</b>	Clear	Clear

**ÉTAT DU LIQUIDE REFROIDISSEMENT**

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

Densité		ASTM D1298*		<b>1.067</b>	1.076	1.075
pH	Scale 0-14	ASTM D1287*	9.5	<b>8.18</b>	7.92	7.89
Nitrites	ppm	Alcan Test Kit*	500	<b>600</b>	840	640
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		<b>3.2</b>	3.5	3.5
Pourcentage de glycol	%	ASTM D3321*	50	<b>49.3</b>	57.0	56.0
Point de congélation	°C	ASTM D3321*	-40	<b>-33</b>	-48	-46
Carboxylate				<b>---</b>	---	---
Silicium	ppm	ASTM D5185(m)	150	<b>46</b>	22	12
Phosphore	ppm	ASTM D5185(m)	0	<b>159</b>	640	613
Bore	ppm	ASTM D5185(m)	300	<b>227</b>	167	171
Molybdène	ppm	ASTM D5185(m)		<b>28</b>	198	158
Sodium	ppm	ASTM D5185(m)		<b>1121</b>	2378	2487
Potassium	ppm	ASTM D5185(m)		<b>1018</b>	1478	1434
Couleur du liquide de refroidissement		Visual*	Pink	<b>Green</b>	Green	Green



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**  
**N° d'échantillon** : PC0077609 **Reçu** : 17 Jul 2023  
**N° de laboratoire** : 02570496 **Diagnostiqué** : 17 Jul 2023  
**Numéro unique** : 5607542 **Diagnostiqueur** : Wes Davis  
**Analyse** : COOL

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.

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