



# RAPPORT D'ANALYSE D'HUILE

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

Secteur

## Equipment d'urgence/Salle des Machines

Identité de la machine

### 15J02C Compresseur d'air d'urgence Moteur (S/N 8920737)

Composant

#### Moteur diesel

Fluid

#### MOBIL DELVAC 1300 SUPER15W40 (10 LTR)

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0878518</b>	WC	WC0549552
Date d'échant.		Client Info		<b>18 Mar 2024</b>	18 Oct 2022	01 Nov 2021
Âge d la Machine	hrs	Client Info		<b>40</b>	0	31
Âge de l'huile	hrs	Client Info		<b>18</b>	0	10
Âge du filtre	hrs	Client Info		<b>18</b>	0	0
Huile changée		Client Info		<b>Not Chngd</b>	N/A	Not Chngd
Filtre changé		Client Info		<b>Not Chngd</b>	N/A	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

### USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>150	<b>3</b>	7	5
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	2
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	2	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

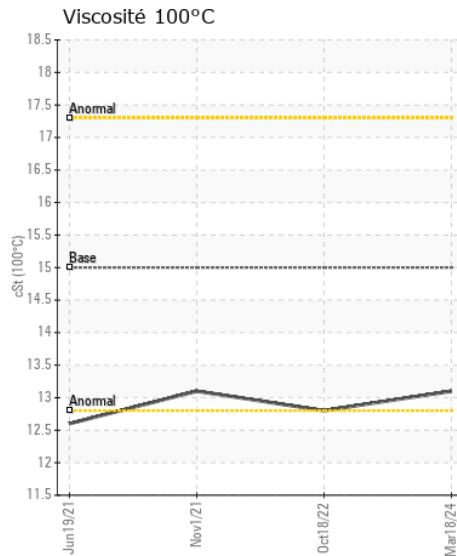
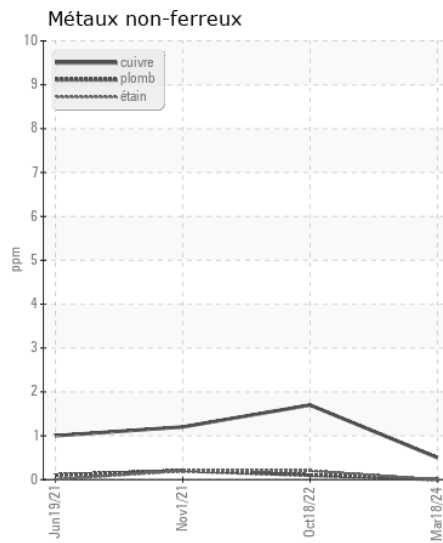
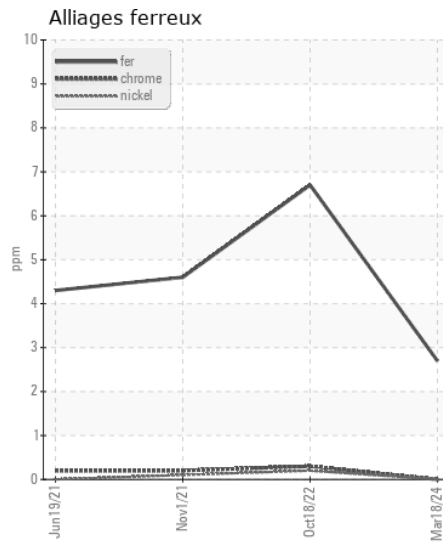
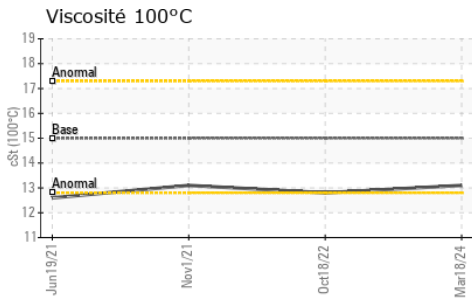
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>7</b>	19	18
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
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>4.8</b>	5.8	5.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.3</b>	21.2	21.5
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Débris	scalar	Visual*	NONE	<b>VLITE</b>	NONE	VLITE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
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)		<b>2</b>	2	2
Bore	ppm	ASTM D5185(m)	0	<b>67</b>	71	74
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Molybdène	ppm	ASTM D5185(m)	0	<b>38</b>	39	37
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	2	1
Magnésium	ppm	ASTM D5185(m)	0	<b>491</b>	464	492
Calcium	ppm	ASTM D5185(m)		<b>1669</b>	1874	1736
Phosphore	ppm	ASTM D5185(m)		<b>720</b>	844	841
Zinc	ppm	ASTM D5185(m)		<b>822</b>	872	902
Soufre	ppm	ASTM D5185(m)		<b>2014</b>	2311	2315
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>19.2</b>	18.6	18.0
Visc 100°C	cSt	ASTM D7279(m)	15.0	<b>13.1</b>	12.8	13.1



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0878518  
**N° de laboratoire** : 02624163  
**Numéro unique** : 5749282  
**Analyse** : MAR 1

**Reçu** : 25 Mar 2024  
**Tested** : 25 Mar 2024  
**Diagnostiqué** : 25 Mar 2024 - Wes Davis

**Canadian Coast Guard**  
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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.