



# RAPPORT D'ANALYSE D'HUILE

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

Secteur  
**[207751]**  
 Identité de la machine  
**12048310**

Composant  
**Moteur diesel Tribord**  
 Fluid  
**VALVOLINE 15W40 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>CU0022119</b>	CU0020970	---
Date d'échant.		Client Info		<b>13 Mar 2024</b>	17 Mar 2023	---
Âge d la Machine	hrs	Client Info		<b>6600</b>	6334	---
Âge de l'huile	hrs	Client Info		<b>300</b>	0	---
Âge du filtre	hrs	Client Info		<b>300</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>	NORMAL	---

## USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>65	<b>8</b>	6	---
Chrome	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	---
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	---
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Plomb	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	<1	---
Cuivre	ppm	ASTM D5185(m)	>30	<b>1</b>	<1	---
Étain	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

## CONTAMINATION

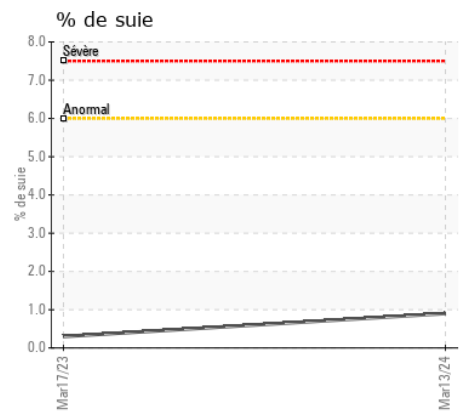
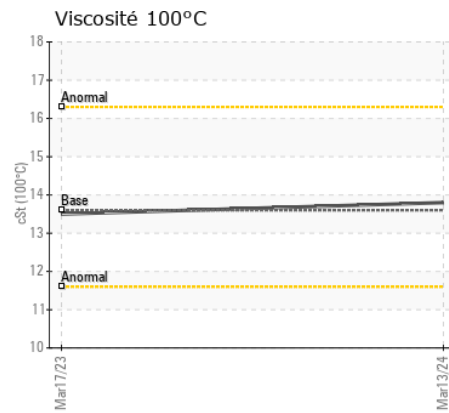
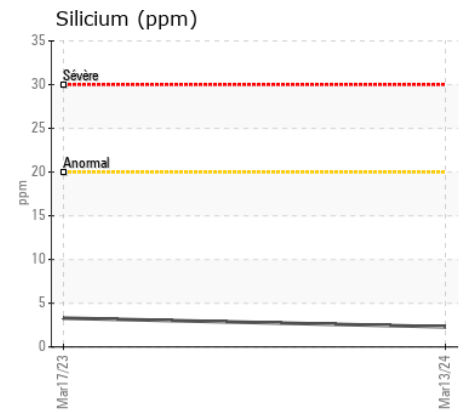
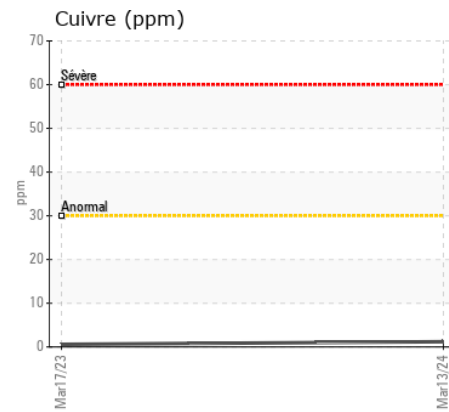
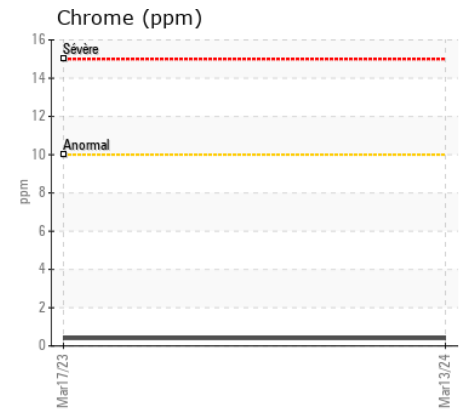
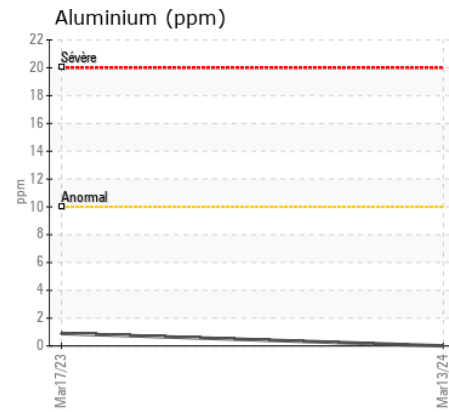
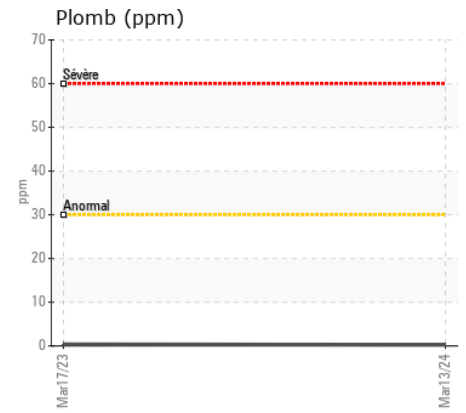
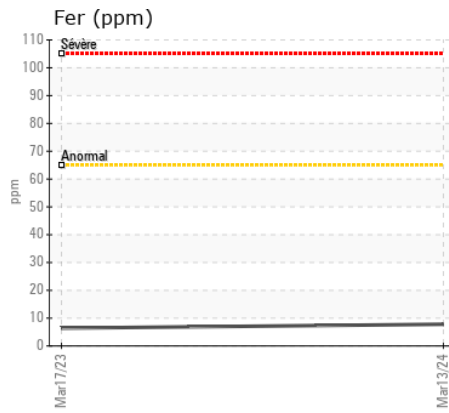
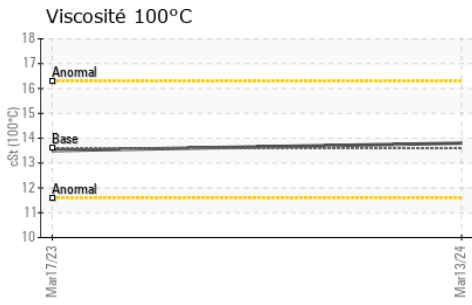
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>20	<b>2</b>	3	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	---
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>6	<b>0.9</b>	0.3	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.0</b>	6.6	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.2</b>	21.1	---
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)		<b>10</b>	2	---
Bore	ppm	ASTM D5185(m)	39	<b>31</b>	34	---
Baryum	ppm	ASTM D5185(m)	1	<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)	49	<b>47</b>	43	---
Manganèse	ppm	ASTM D5185(m)	1	<b>0</b>	<1	---
Magnésium	ppm	ASTM D5185(m)	616	<b>818</b>	725	---
Calcium	ppm	ASTM D5185(m)	1554	<b>1227</b>	1329	---
Phosphore	ppm	ASTM D5185(m)	899	<b>717</b>	787	---
Zinc	ppm	ASTM D5185(m)	1069	<b>841</b>	823	---
Soufre	ppm	ASTM D5185(m)	2624	<b>1906</b>	2027	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.3</b>	12.4	---
Visc 100°C	cSt	ASTM D7279(m)	13.6	<b>13.8</b>	13.5	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : CU0022119  
**N° de laboratoire** : 02623661  
**Numéro unique** : 5748780  
**Analyse** : MOB 1  
**Reçu** : 21 Mar 2024  
**Tested** : 21 Mar 2024  
**Diagnostiqué** : 21 Mar 2024 - Kevin Marson

**CUMMINS CANADA ULC**  
 7200 TRANS CANADA HWY.  
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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.