



# RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur  
**[6507]**  
 Identité de la machine

**220**  
 Composant  
**Moteur diesel**

Fluide  
**TOTAL FINA RUBIA TIR 7900 15W40 (--- GAL)**

## RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>CU0021547</b>	CU0019754	---
Date d'échant.		Client Info		<b>28 Jul 2023</b>	19 Jan 2023	---
Âge d la Machine	kms	Client Info		<b>194812</b>	107509	---
Âge de l'huile	kms	Client Info		<b>45000</b>	35000	---
Âge du filtre	kms	Client Info		<b>45000</b>	35000	---
Huile changée		Client Info		<b>Changed</b>	Changed	---
Filtre changé		Client Info		<b>Changed</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	ABNORMAL	---

## USURE

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>90	<b>24</b>	22	---
Chrome	ppm	ASTM D5185(m)	>20	<b>2</b>	2	---
Nickel	ppm	ASTM D5185(m)	>2	<b>1</b>	2	---
Titane	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	---
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>9</b>	13	---
Plomb	ppm	ASTM D5185(m)	>40	<b>4</b>	2	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	3	---
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	2	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

## CONTAMINATION

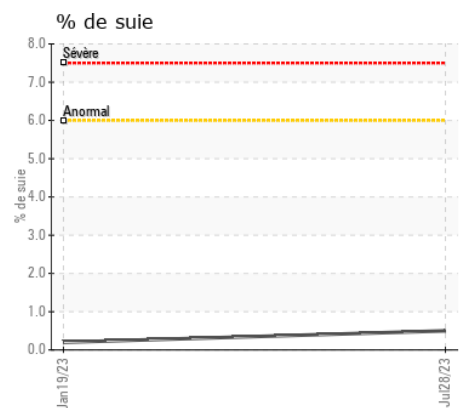
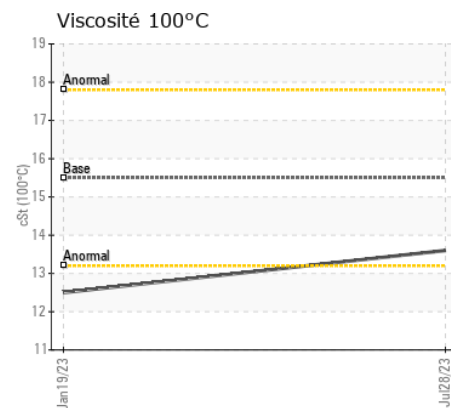
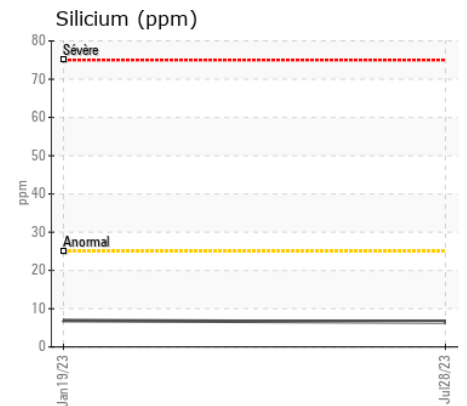
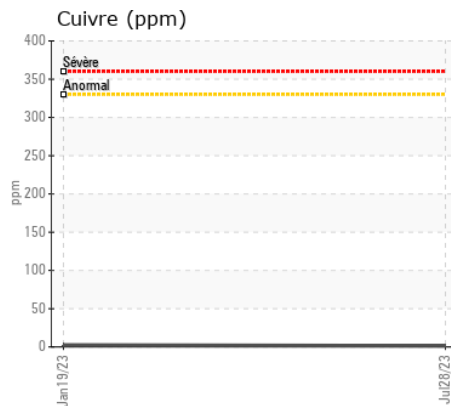
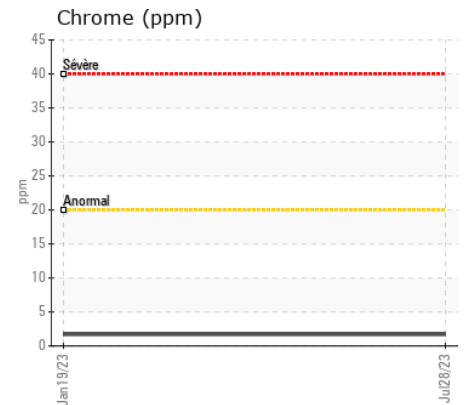
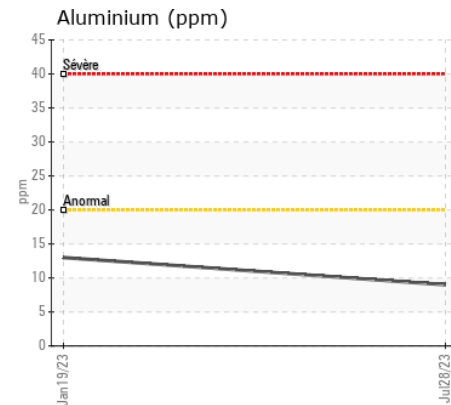
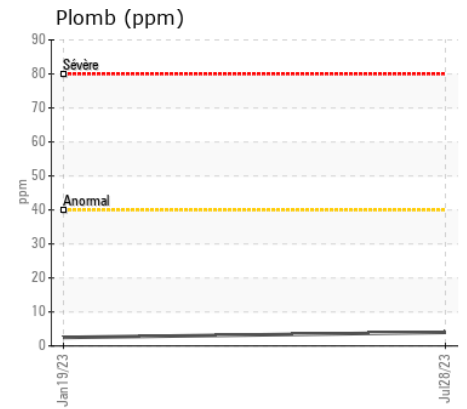
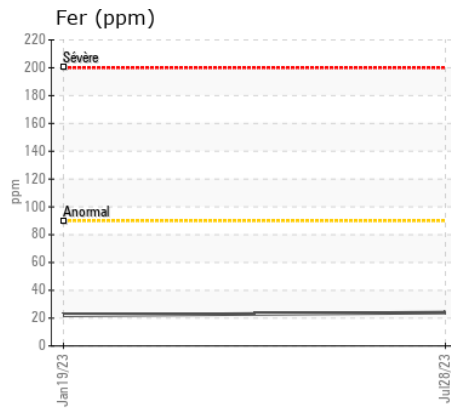
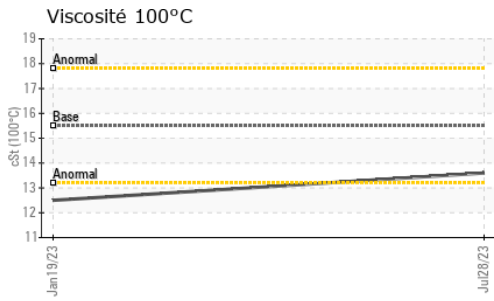
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	7	---
Potassium	ppm	ASTM D5185(m)	>20	<b>17</b>	30	---
Essence		WC Method	>3.0	<b>&lt;1.0</b>	0.8	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>6	<b>0.5</b>	0.2	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.7</b>	9.3	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>23.3</b>	21.4	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

## ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	2	---
Bore	ppm	ASTM D5185(m)		<b>15</b>	12	---
Baryum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)		<b>87</b>	69	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Magnésium	ppm	ASTM D5185(m)		<b>185</b>	698	---
Calcium	ppm	ASTM D5185(m)	3290	<b>2058</b>	1489	---
Phosphore	ppm	ASTM D5185(m)	1200	<b>1105</b>	1082	---
Zinc	ppm	ASTM D5185(m)	1400	<b>1243</b>	1226	---
Soufre	ppm	ASTM D5185(m)	4000	<b>2910</b>	2756	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.1</b>	15.8	---
Visc 100°C	cSt	ASTM D7279(m)	15.5	<b>13.6</b>	▲ 12.5	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : CU0021547 **Reçu** : 04 Aug 2023  
**N° de laboratoire** : 02574186 **Diagnostiqué** : 04 Aug 2023  
**Numéro unique** : 5619237 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1

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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.