



**POWER SYSTEMS**  
**SYSTÈMES DE PUISSANCE**

**RAPPORT D'ANALYSE D'HUILE**

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

Secteur

**ROBERT DORAIS**

Identité de la machine

**5102179430C**

Composant

**Moteur diesel**

Fluide

**SHELL ROTELLA T4 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>WA0020317</b>	---	---
Date d'échant.		Client Info		<b>30 Aug 2023</b>	---	---
Âge d la Machine	hrs	Client Info		<b>370</b>	---	---
Âge de l'huile	hrs	Client Info		<b>0</b>	---	---
Âge du filtre	hrs	Client Info		<b>0</b>	---	---
Huile changée		Client Info		<b>Changed</b>	---	---
Filtre changé		Client Info		<b>N/A</b>	---	---
Statut de l'échant.				<b>NORMAL</b>	---	---

**USURE**

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>100	<b>9</b>	---	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	---	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	---	---
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>3</b>	---	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---

**CONTAMINATION**

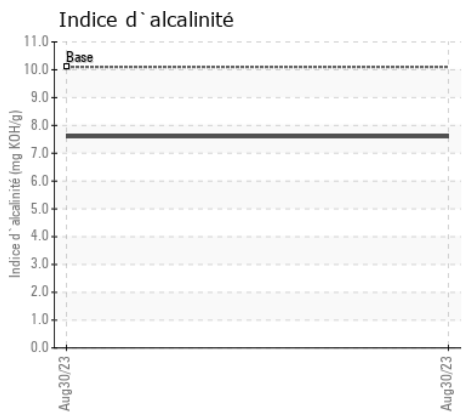
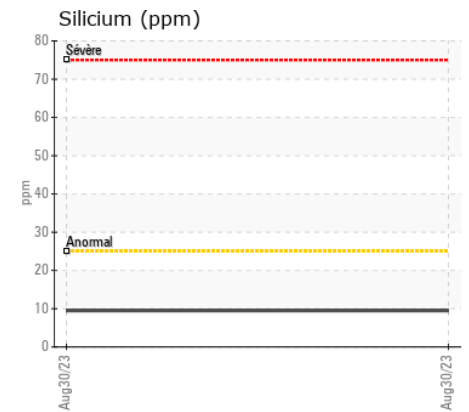
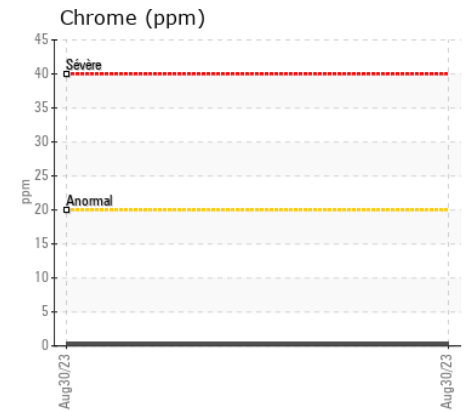
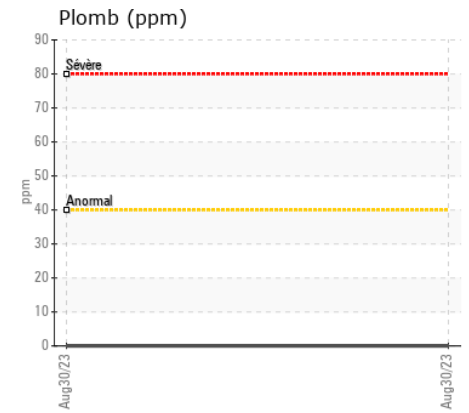
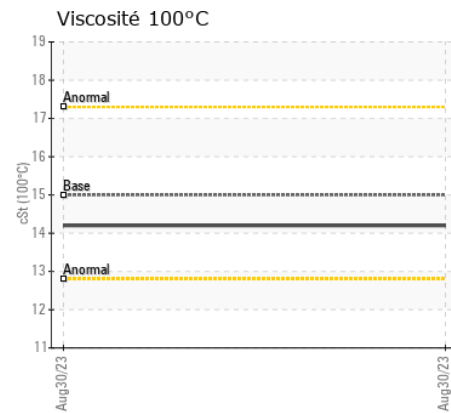
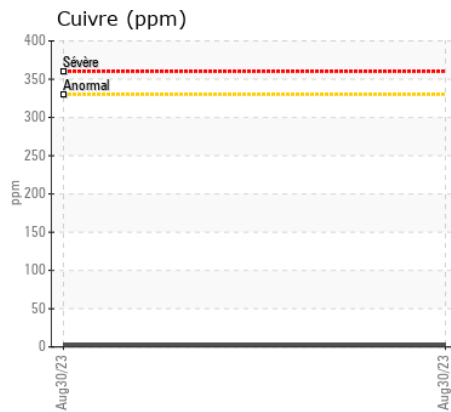
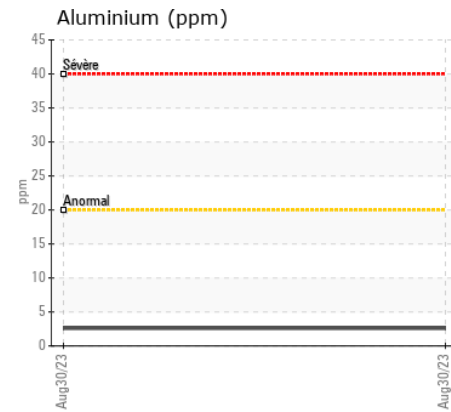
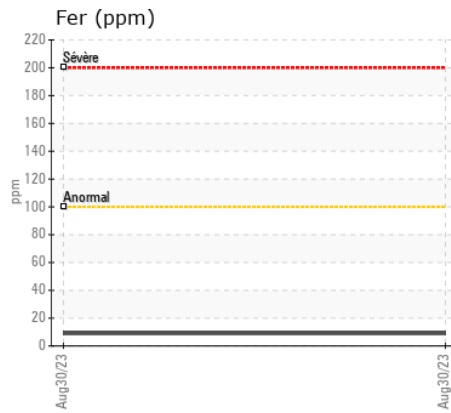
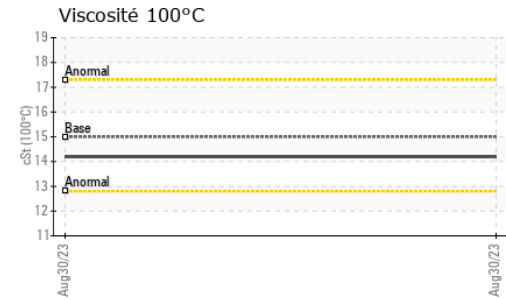
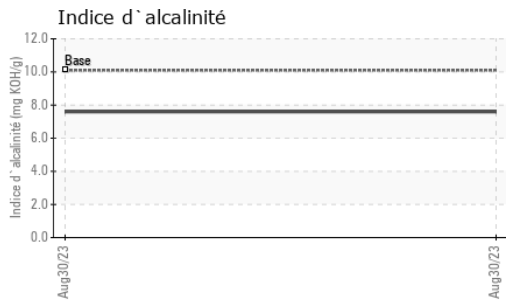
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>10</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>7</b>	---	---
Essence		WC Method	>5	<b>&lt;1.0</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
% de suie	%	ASTM D7844*	>3	<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.0</b>	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.8</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	---	---

**ÉTAT DU FLUIDE**

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		<b>3</b>	---	---
Bore	ppm	ASTM D5185(m)		<b>168</b>	---	---
Baryum	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdène	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnésium	ppm	ASTM D5185(m)		<b>12</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>2122</b>	---	---
Phosphore	ppm	ASTM D5185(m)		<b>947</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>1088</b>	---	---
Soufre	ppm	ASTM D5185(m)		<b>2797</b>	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.5</b>	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*	10.1	<b>7.60</b>	---	---
Visc 100°C	cSt	ASTM D7279(m)	15	<b>14.2</b>	---	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WA0020317 **Reçu** : 12 Sep 2023  
**N° de laboratoire** : 02581650 **Diagnostiqué** : 12 Sep 2023  
**Numéro unique** : 5642715 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 2

**Wajax Power Systems**  
 2997 AV. WATT  
 Quebec, QC  
 CA G1X 3W1  
 Contact: Joe Di Pede  
 jdipede@wajax.com  
 T: (418)651-5371  
 F: (418)651-4448

*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.*