



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

[8013]

Identité de la machine

CUMMINS 233

Composant

Moteur diesel

Fluid

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		CU0023146	CU0020524	---
Date d'échant.		Client Info		11 Apr 2024	12 Dec 2023	---
Âge d la Machine	kms	Client Info		143256	97292	---
Âge de l'huile	kms	Client Info		45000	45000	---
Âge du filtre	kms	Client Info		45000	45000	---
Huile changée		Client Info		Changed	Changed	---
Filtre changé		Client Info		Changed	Changed	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

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

Fer	ppm	ASTM D5185(m)	>90	28	35	---
Chrome	ppm	ASTM D5185(m)	>20	1	2	---
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	---
Titane	ppm	ASTM D5185(m)	>2	0	0	---
Argent	ppm	ASTM D5185(m)	>2	0	<1	---
Aluminium	ppm	ASTM D5185(m)	>20	8	15	---
Plomb	ppm	ASTM D5185(m)	>40	3	8	---
Cuivre	ppm	ASTM D5185(m)	>330	2	6	---
Étain	ppm	ASTM D5185(m)	>15	1	2	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

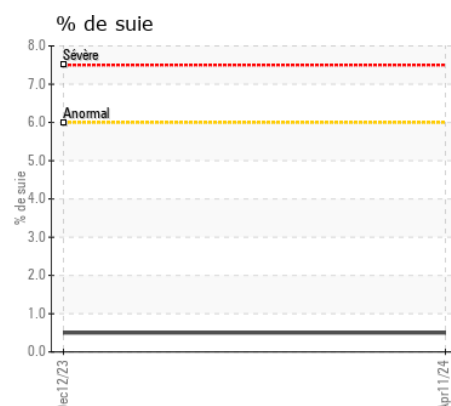
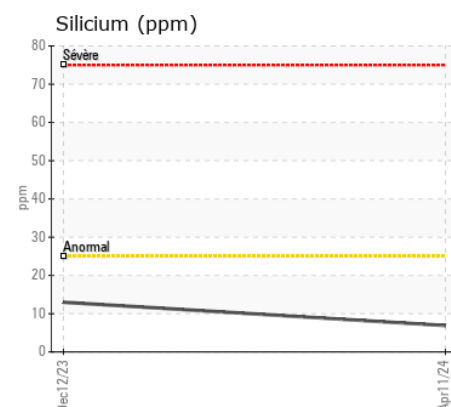
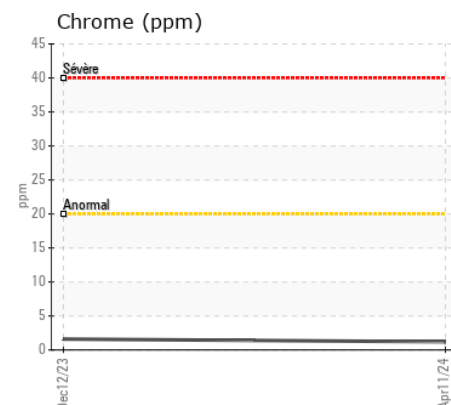
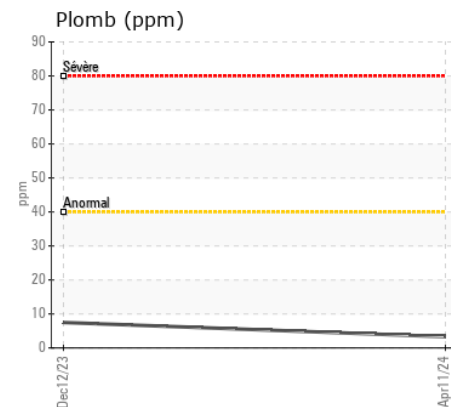
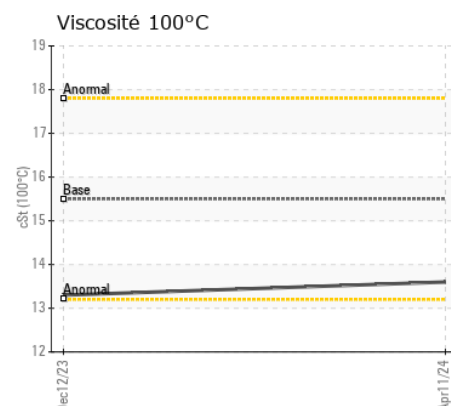
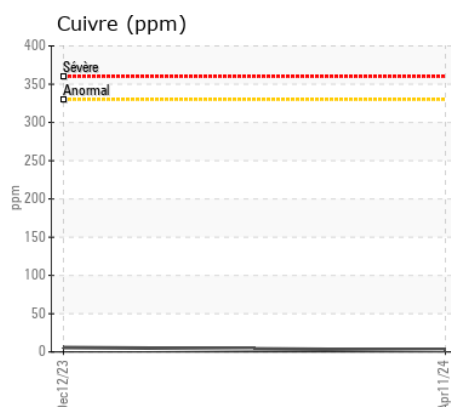
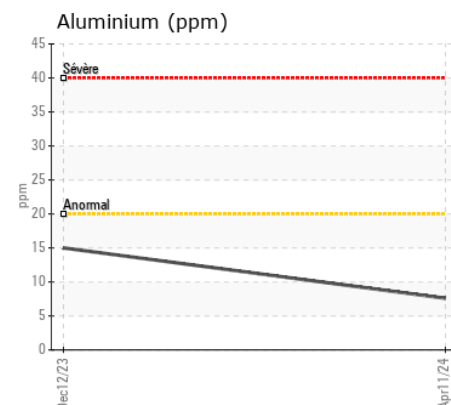
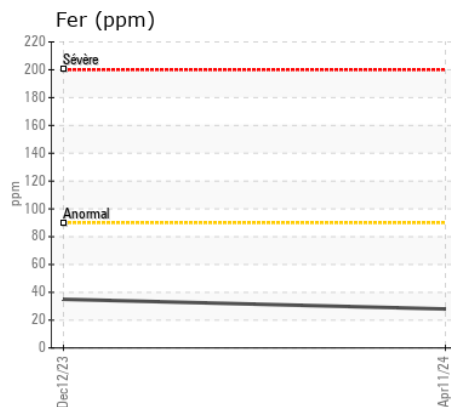
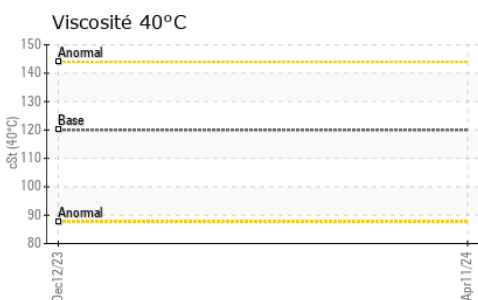
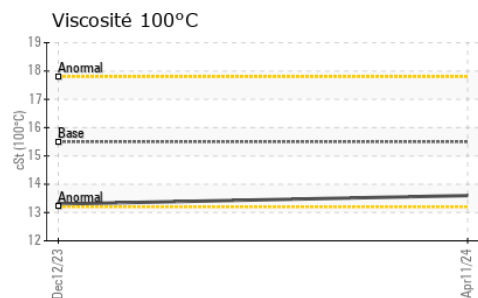
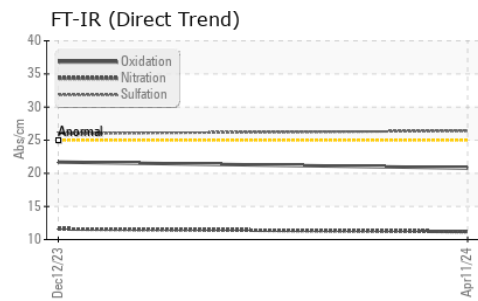
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	7	13	---
Potassium	ppm	ASTM D5185(m)	>20	11	36	---
Essence		WC Method	>3.0	<1.0	<1.0	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>6	0.5	0.5	---
Nitration	Abs/cm	ASTM D7624*	>20	11.2	11.6	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	26.4	26.0	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		2	3	---
Bore	ppm	ASTM D5185(m)		18	15	---
Baryum	ppm	ASTM D5185(m)		0	<1	---
Molybdène	ppm	ASTM D5185(m)		97	93	---
Manganèse	ppm	ASTM D5185(m)		<1	<1	---
Magnésium	ppm	ASTM D5185(m)		57	94	---
Calcium	ppm	ASTM D5185(m)	3290	2338	2240	---
Phosphore	ppm	ASTM D5185(m)	1200	1032	1012	---
Zinc	ppm	ASTM D5185(m)	1400	1236	1230	---
Soufre	ppm	ASTM D5185(m)	4000	2931	2815	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	20.8	21.7	---
Visc 40°C	cSt	ASTM D7279(m)	120	101	---	---
Visc 100°C	cSt	ASTM D7279(m)	15.5	13.6	13.3	---
Indice de viscosité (VI)	Scale	ASTM D2270*	135	134	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0023146 **Reçu** : 17 Apr 2024
N° de laboratoire : 02629440 **Tested** : 17 Apr 2024
Numéro unique : 5762572 **Diagnostiqué** : 17 Apr 2024 - Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

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.

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