



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[7099]
 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		CU0020515	CU0019739	---
Date d'échant.		Client Info		16 Nov 2023	21 Apr 2023	---
Âge d la Machine	kms	Client Info		241197	148970	---
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	22	23	---
Chrome	ppm	ASTM D5185(m)	>20	1	2	---
Nickel	ppm	ASTM D5185(m)	>2	<1	2	---
Titane	ppm	ASTM D5185(m)	>2	0	<1	---
Argent	ppm	ASTM D5185(m)	>2	<1	0	---
Aluminium	ppm	ASTM D5185(m)	>20	10	8	---
Plomb	ppm	ASTM D5185(m)	>40	5	2	---
Cuivre	ppm	ASTM D5185(m)	>330	1	1	---
Étain	ppm	ASTM D5185(m)	>15	<1	1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

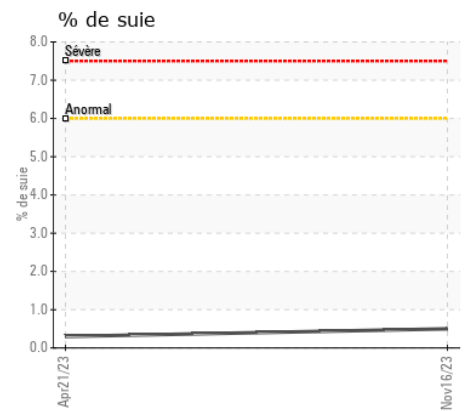
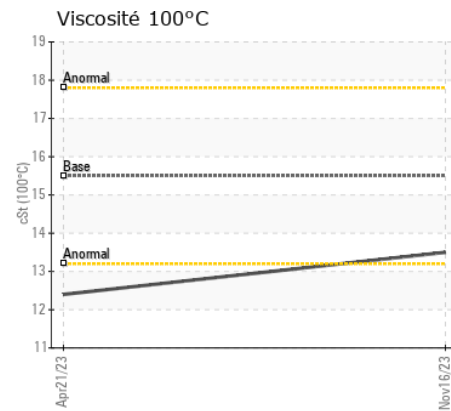
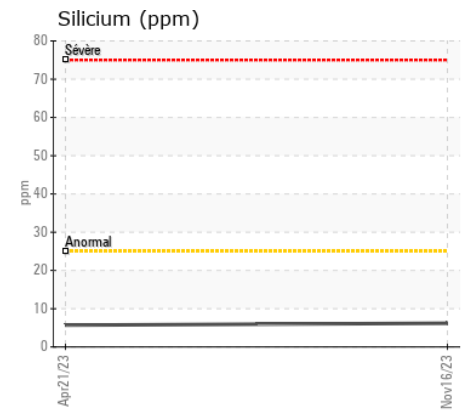
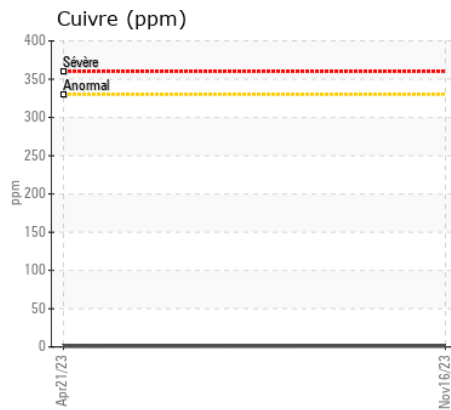
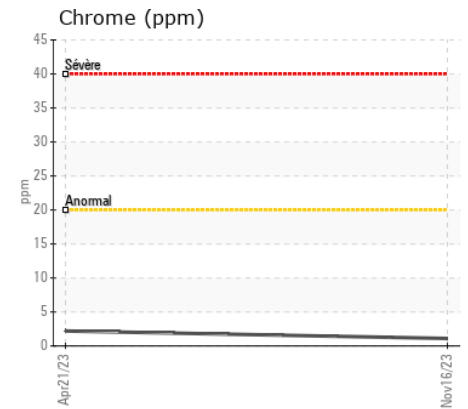
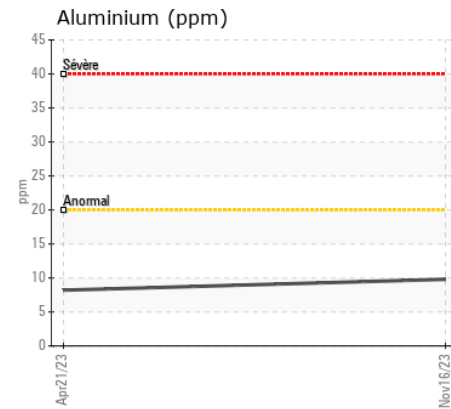
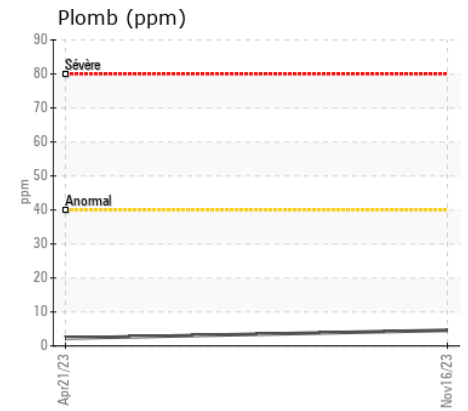
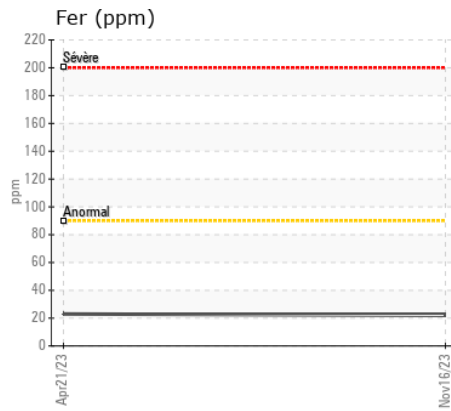
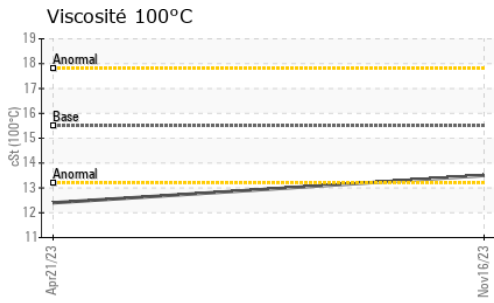
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	6	6	---
Potassium	ppm	ASTM D5185(m)	>20	13	15	---
Essence		WC Method	>3.0	<1.0	0.9	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>6	0.5	0.3	---
Nitration	Abs/cm	ASTM D7624*	>20	10.6	9.0	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	23.6	20.5	---
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	2	---
Bore	ppm	ASTM D5185(m)		16	5	---
Baryum	ppm	ASTM D5185(m)		<1	0	---
Molybdène	ppm	ASTM D5185(m)		94	65	---
Manganèse	ppm	ASTM D5185(m)		0	<1	---
Magnésium	ppm	ASTM D5185(m)		76	909	---
Calcium	ppm	ASTM D5185(m)	3290	2239	1204	---
Phosphore	ppm	ASTM D5185(m)	1200	996	1072	---
Zinc	ppm	ASTM D5185(m)	1400	1240	1217	---
Soufre	ppm	ASTM D5185(m)	4000	2917	2588	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.4	15.8	---
Visc 100°C	cSt	ASTM D7279(m)	15.5	13.5	12.4	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0020515 **Reçu** : 17 Nov 2023
N° de laboratoire : 02597018 **Diagnostiqué** : 17 Nov 2023
Numéro unique : 5682098 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1

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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