



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

[6100291014]

Identité de la machine

2004032978

Composant

Moteur diesel

Fluid

CASTROL CRB Multi 15W-40 CK-4 (--- LTR)

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		WA0021533	---	---
Date d'échant.		Client Info		13 May 2024	---	---
Âge d la Machine	hrs	Client Info		2	---	---
Âge de l'huile	hrs	Client Info		2	---	---
Âge du filtre	hrs	Client Info		2	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Not Changd	---	---
Statut de l'échant.				NORMAL	---	---

USURE

Les taux de métaux sont typiques d'une première vidange.

Fer	ppm	ASTM D5185(m)	>80	4	---	---
Chrome	ppm	ASTM D5185(m)	>6	<1	---	---
Nickel	ppm	ASTM D5185(m)	>2	<1	---	---
Titane	ppm	ASTM D5185(m)	>2	<1	---	---
Argent	ppm	ASTM D5185(m)	>2	0	---	---
Aluminium	ppm	ASTM D5185(m)	>20	2	---	---
Plomb	ppm	ASTM D5185(m)	>95	<1	---	---
Cuivre	ppm	ASTM D5185(m)	>85	7	---	---
Étain	ppm	ASTM D5185(m)	>9	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

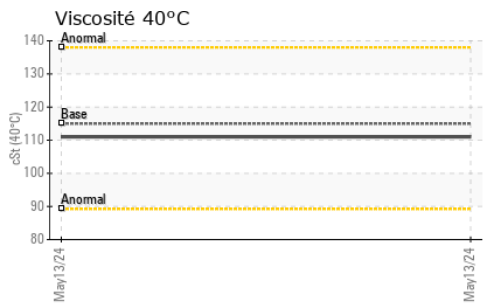
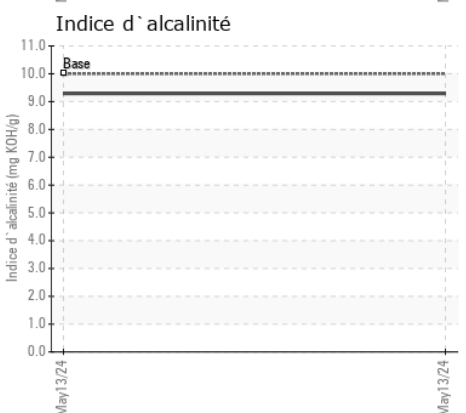
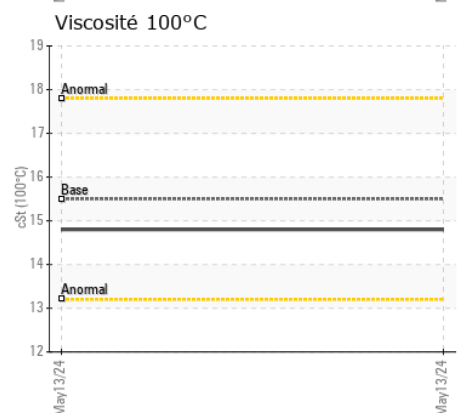
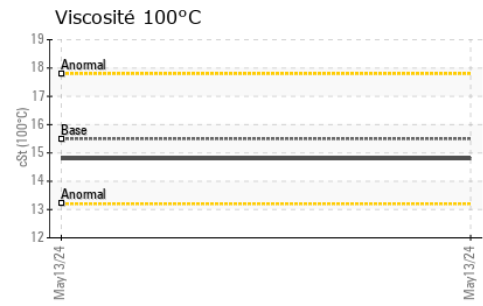
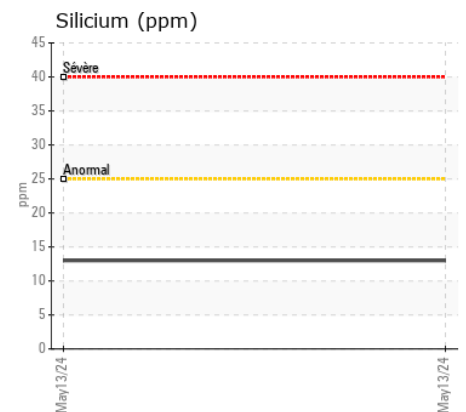
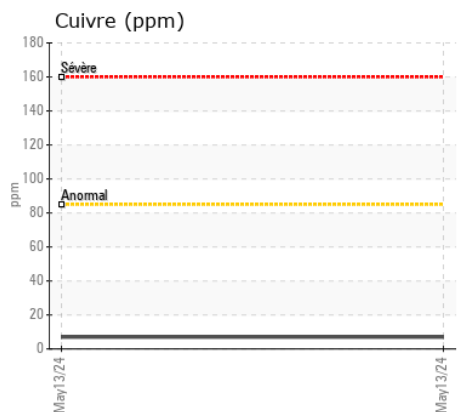
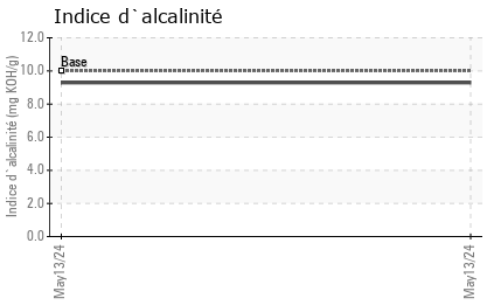
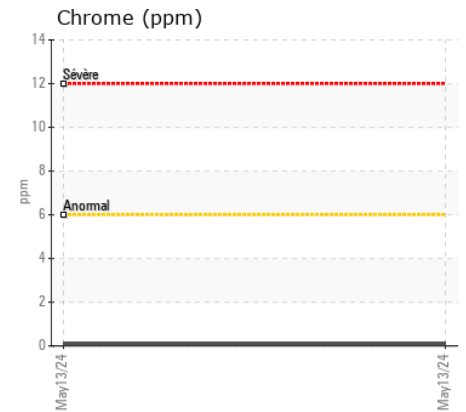
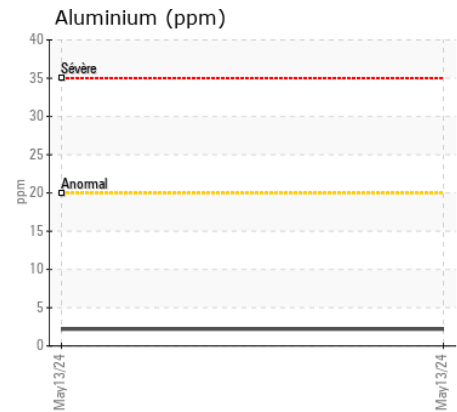
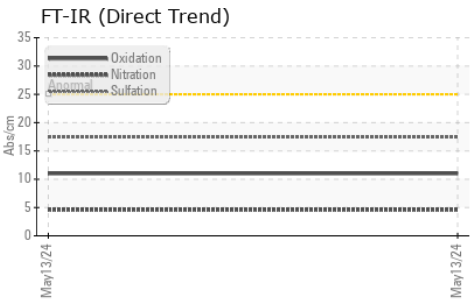
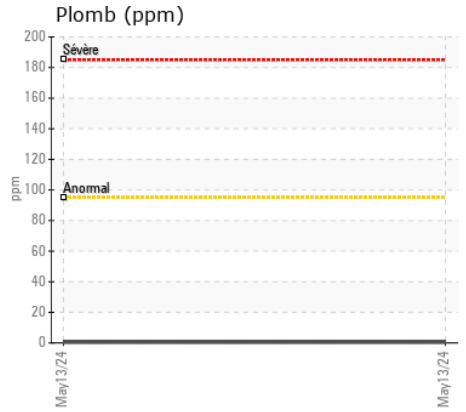
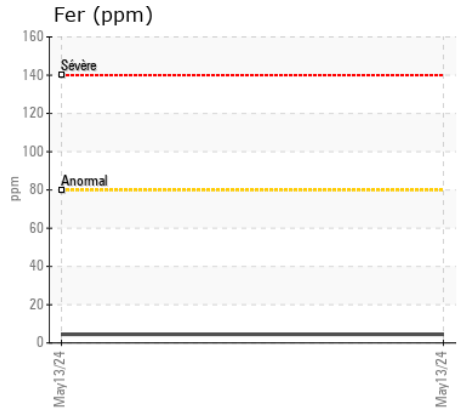
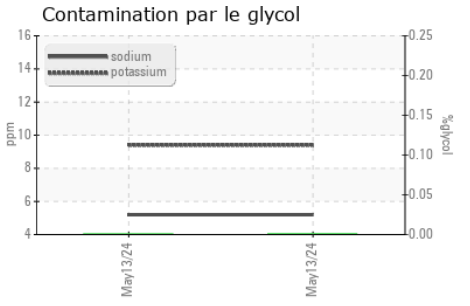
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	13	---	---
Potassium	ppm	ASTM D5185(m)	>20	9	---	---
Essence		WC Method	>4.0	<1.0	---	---
L'eau		WC Method	>0.1	NEG	---	---
Glycol	%	ASTM D7922*		0.0	---	---
% de suie	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	4.6	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	17.4	---	---
Eau émulsifiée	scalar	Visual*	>0.1	NEG	---	---

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)		5	---	---
Bore	ppm	ASTM D5185(m)		7	---	---
Baryum	ppm	ASTM D5185(m)		0	---	---
Molybdène	ppm	ASTM D5185(m)		35	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)		516	---	---
Calcium	ppm	ASTM D5185(m)		1503	---	---
Phosphore	ppm	ASTM D5185(m)		896	---	---
Zinc	ppm	ASTM D5185(m)		998	---	---
Soufre	ppm	ASTM D5185(m)		2875	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	11.0	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*	10	9.29	---	---
Visc 40°C	cSt	ASTM D7279(m)	115	111	---	---
Visc 100°C	cSt	ASTM D7279(m)	15.5	14.8	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	140	137	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WA0021533
N° de laboratoire : 02636143
Numéro unique : 5785305
Analyse : MOB 2 (Additional Tests: Glycol, KV40, VI)
Reçu : 16 May 2024
Tested : 21 May 2024
Diagnostiqué : 21 May 2024 - Kevin Marson

JO-RO TRANSPORTATION
 2875 BOUL TRUDEL EST
 Saint-Boniface-de-Shawinigan, QC
 CA G0X 2L0
 Contact: Jean Roy

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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