



# RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

**NAVISTAR 3303**

Composant

**Moteur diesel**

Fluid

**DIESEL ENGINE OIL SAE 10W30 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0889969</b>	WC0877575	---
Date d'échant.		Client Info		<b>23 Dec 2023</b>	17 Nov 2023	---
Âge d la Machine	hrs	Client Info		<b>37746</b>	19275	---
Âge de l'huile	hrs	Client Info		<b>18472</b>	19275	---
Âge du filtre	hrs	Client Info		<b>18472</b>	19275	---
Huile changée		Client Info		<b>Changed</b>	Changed	---
Filtre changé		Client Info		<b>Changed</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

## USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	<b>25</b>	33	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	---
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>5</b>	8	---
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	<1	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	11	---
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

## CONTAMINATION

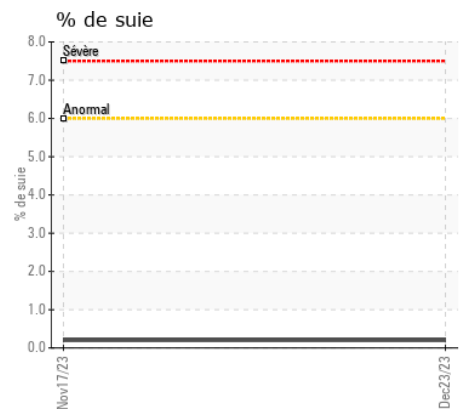
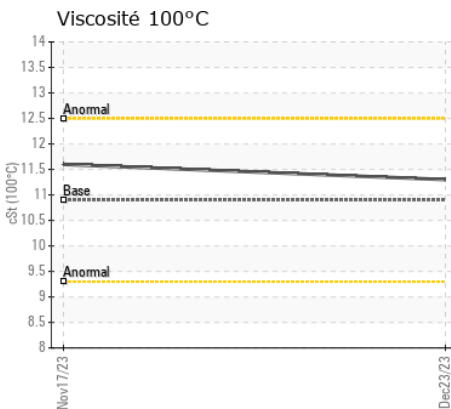
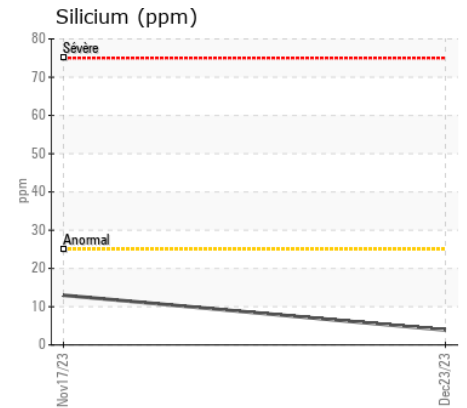
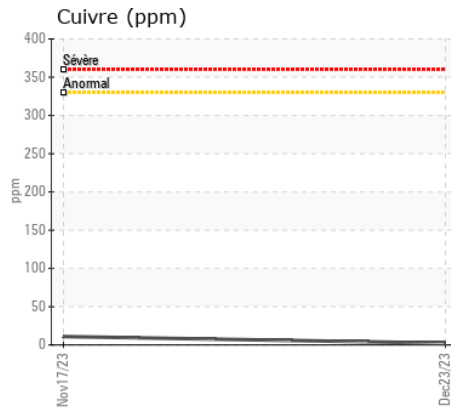
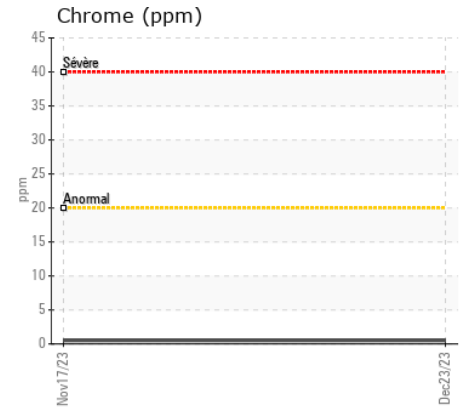
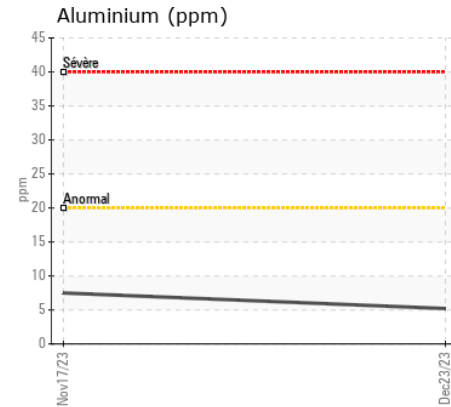
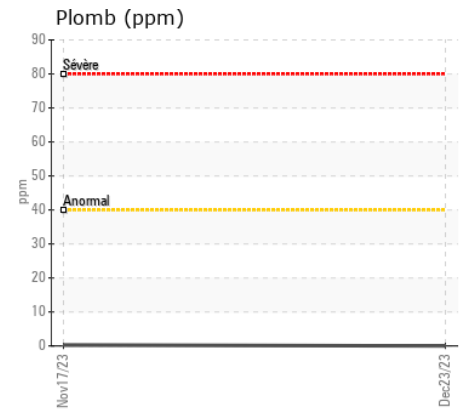
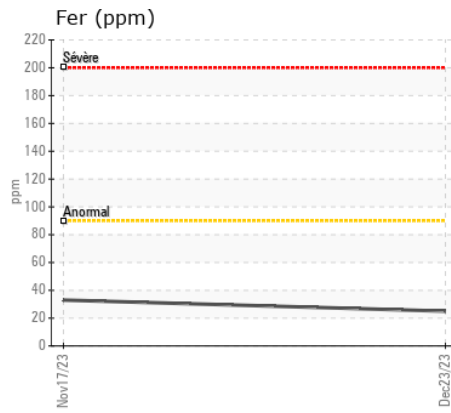
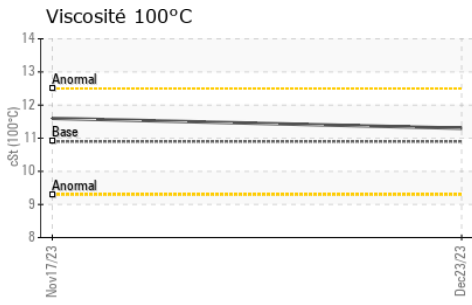
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>4</b>	13	---
Potassium	ppm	ASTM D5185(m)	>20	<b>5</b>	13	---
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	---
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>6	<b>0.2</b>	0.2	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.1</b>	10.1	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.0</b>	21.3	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

## ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>1</b>	5	---
Bore	ppm	ASTM D5185(m)	250	<b>3</b>	20	---
Baryum	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	4	---
Molybdène	ppm	ASTM D5185(m)	100	<b>58</b>	53	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	3	---
Magnésium	ppm	ASTM D5185(m)	450	<b>962</b>	881	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1178</b>	1242	---
Phosphore	ppm	ASTM D5185(m)	1150	<b>1017</b>	821	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1183</b>	995	---
Soufre	ppm	ASTM D5185(m)	4250	<b>2730</b>	2186	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.7</b>	19.3	---
Visc 100°C	cSt	ASTM D7279(m)	10.9	<b>11.3</b>	11.6	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0889969  
**N° de laboratoire** : 02614961  
**Numéro unique** : 5724056  
**Analyse** : MOB 1

**Reçu** : 12 Feb 2024  
**Tested** : 12 Feb 2024  
**Diagnostiqué** : 12 Feb 2024 - Wes Davis

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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.